



How to Invest Better and Live Better

INTRODUCTION BY David Booth, Founder and Chairman

It can be challenging to start a conversation about investing. That's why I encourage having a broader conversation about life as a "preamble" to investing. Connecting life principles to investment principles is a great way to ground abstract concepts in reality and share universal experiences and feelings.

One of the best ways to communicate investing is through stories. Of course, technical data is great, and that's our world at Dimensional. But most people relate better to stories.

We often hear stories from financial professionals and their clients—and it can be truly satisfying to learn how people's lives improved after they started working or investing with us.

We have helped people understand the nature of capital markets and eliminate unnecessary stress about wealth and the future. I'm gratified to see them living better lives and proud of the role, however large or small, Dimensional has played.

Our employees also have stories that connect life with investing. In this year's *Matrix Book*, we feature a few of them. Each highlights a principle and includes an exhibit inspired by data in this book. These simple, intuitive stories reinforce key concepts about markets and investing, and they offer insights that can inform financial decisions.



Having a good investment experience is about more than returns. What matters just as much—maybe even more—is how people feel along their financial journey. And that's really what our business is all about: helping people live better, more fulfilling lives.

I hope you enjoy these stories and get to know a bit more about Dimensional's people. I also encourage you to develop your own stories to share with your clients and with us. In the process, we can all discover how life prepares us for investing—and investing prepares us for life.



Stacey Winning
Chief Talent Officer

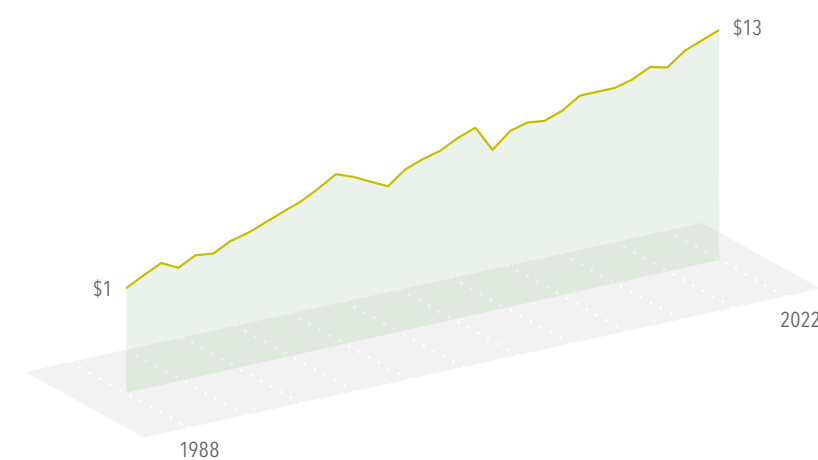
The Power of Compounding

Over time, small improvements really add up. I embraced this principle early in my investment life, but it took longer to master in the context of a career.

When you're first starting out in the workforce, time ticks by at what can feel like a glacial pace, and it's hard to see how all the little things you learn pay off. Yet, just as the whole is greater than the sum of its parts, incremental advances in your knowledge, expertise, and relationships accumulate and build upon one another to your benefit. It's like earning a compound return on your investment and watching its value grow exponentially over the years.

In the workplace, your daily wins and experiences accumulate and multiply, producing a far richer and more robust professional journey. And to top it off, one small choice at work—or a bad year in the market—won't make or break your career. Instead, it's how all the parts come together when given the time.

Growth of a Dollar, MSCI All Country World Index
1988-2022



In USD. Data presented in the Growth of \$1 chart is hypothetical and assumes reinvestment of income and no transaction costs or taxes. The chart is for illustrative purposes only and is not indicative of any investment. **Past performance is not a guarantee of future results.** Indices are not available for direct investment; therefore, their performance does not reflect the expenses associated with the management of an actual portfolio. MSCI All Country World Index (gross dividends) © MSCI 2023, all rights reserved.

▶ Global equities have rewarded investors with tremendous growth of wealth through compounded returns. The key is to stay invested and let time work for you.

Control What You Can

Last year, I was surfing in Hawai'i when I felt a tightness in my chest. A wave of crippling pain washed over me, and I couldn't breathe. We rushed to the hospital, and the cardiologist said I had suffered a major heart attack. Thankfully, I walked out of the hospital the next day to begin my road to recovery. The doctors said my years of discipline around personal wellness probably saved my life.



Bryce Skaff
Co-Head of Global Client Group

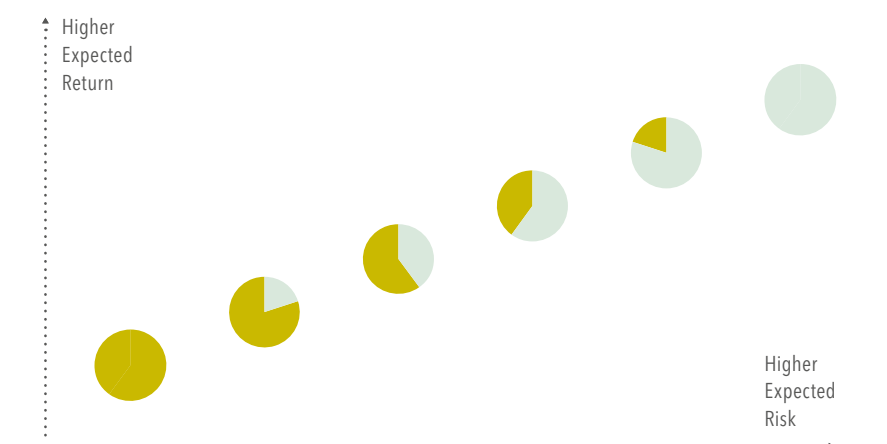
In hindsight, the experience helped me see the parallel between health and financial well-being. While we cannot control what happens in markets or life, preparation can help us get through the tough times. I couldn't predict a heart attack. But through healthy living, I had been preparing to survive one without knowing it. The same applies to investing: We can prepare for uncertainty and extreme events by focusing on controllable factors, such as saving, diversifying, managing risks and costs, and practicing discipline.

On that fateful day, I controlled what I could by staying calm, trusting my body, and letting the doctors do their job. The experience was a reminder of how preparation, discipline, and quality professional guidance can help us weather any storm.

▶ To position for different market outcomes, investors can choose an asset allocation that reflects their time horizon, financial goals, and risk tolerance.

Consider Risk and Return When Allocating Assets

■ FIXED INCOME ■ EQUITY



For illustrative purposes only. The risk and expected return shown in this illustration are not reliable indicators of actual risk profiles. There is no guarantee strategies will be successful.

Planning over Prediction



Savina Rizova
Global Head of Research

I became a “petrol head” 18 years ago when I met my husband, and we’ve since attended F1 races all over the world. I see many similarities between fast cars and investing. First, you need expertise in both endeavors to transform science into practice. Combining robust insights from scientific models with real-world considerations can help you plan and eliminate much of the guesswork in building an investment solution or a racing machine. Science is the engine.

Technology is also crucial. F1 technology means carbon fiber, wind tunnels, and computational-fluid-dynamics software. Systematic investing involves scalable databases, platforms, and processes that guide daily portfolio decisions. Both efforts also require a process for collecting and evaluating a huge amount of information. Two gigabytes of data are sent by the race car to the team in just one lap. A robust investment approach may process hundreds of thousands of data points each day to help inform portfolio positioning and rebalancing.

In systematic active investing and racing, the objective is to outperform. While you cannot accurately predict the result, planning for a range of possibilities can help you get the most from design, technology, and information—and reduce the role of chance in the outcome.

Dimensions of Expected Returns

EQUITIES

| | | |
|--|--|---|
| Company Size Market Capitalization | Relative Price Price/Book Equity | Profitability Operating Profits/ Book Equity |
|--|--|---|

FIXED INCOME

| | | |
|--|---|---|
| Term Sensitivity to Interest Rates | Credit Credit Quality of Issuer | Currency Currency of Issuance |
|--|---|---|

Relative price is measured by the price-to-book ratio; value stocks are those with lower price-to-book ratios. Profitability is measured as operating income before depreciation and amortization minus interest expense scaled by book. Diversification does not eliminate the risk of market loss.

▶ Financial science offers insight into the drivers of higher expected returns. Rather than trying to predict which securities will outperform, investors can follow a systematic process in an effort to capture what the markets offer.

Uncertainty and Opportunity

After many years of public speaking, I had an unexplainable panic attack during a presentation. Later, the anxiety I felt about having another episode was new and uncomfortable to me. In search of an answer, and thanks to my mother, I discovered positive psychology—the scientific study of what helps humans flourish.

Since then, I’ve read many books about the personal qualities that lead to a greater sense of well-being. I’ve also learned ways to manage anxiety: When you sense it coming, lean into it. Rather than resisting the uncomfortable feeling, greet it like a friend and much of it goes away. Resistance only makes it grow.

How does this connect to investing? Resisting market downturns that inevitably will occur fuels anxiety as an investor. However, rather than merely accepting the setback, embrace it because risk and return are related. You cannot achieve much in life or investments without accepting uncertainty.

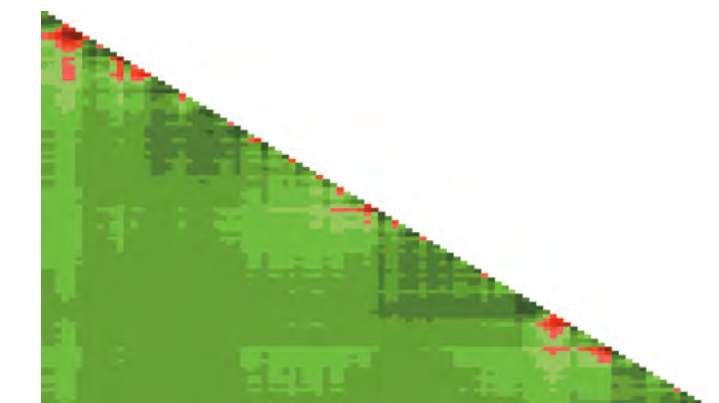
Life’s setbacks are rarely as bad as you fear. Stay focused on the important things. The rest will come.



Brad Steiman
Head of Wealth Management Group, Canada

The graphic below converts annualized returns into shades of red and green based on positive and negative ranges. Investors must endure periods of short-term negative performance, as depicted in red, for the opportunity to earn positive average returns, in green, over the longer term.

S&P 500 Index
1926–2022



In USD. Past performance is not a guarantee of future results. Indices are not available for direct investment; therefore, their performance does not reflect the expenses associated with the management of an actual portfolio. S&P data © 2023 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

The Value in Flexibility

At 14, I moved with my family from a small village in India to Los Angeles. That began a life of change and adaptation for me. After college, I expected to work in accounting. Instead, I learned about Dimensional and joined the firm as a trading assistant in Santa Monica.

I didn't know much about asset management and trading, so I leveraged my computer programming courses to help create tools for the trading desk. Throughout my Dimensional trek—from Santa Monica to Chicago, Sydney, Austin, and back to Sydney—I had to adapt to different roles, personalities, and cultures. Now Sydney is home.

In life, we should all expect change and be ready to respond. The same goes for investing. Stock prices change continually as markets adapt to new information. When managing portfolios and trading, being flexible can result in lower costs, better prices, and higher returns. Flexibility can help you add value in dynamic markets—just as it can help you navigate life.

World Equity Market Capitalization as of December 31, 2022



See page 74 for sources and description. Information above may not reflect the experience of all investors.



Bhanu Singh

Chief Executive Officer, Australia
Head of Asia-Pacific Portfolio Management

In this cartogram, the size of each country reflects its total relative stock market capitalization. These markets around the world are adapting every second to new information and to changing expectations. A flexible investment strategy can make the most of the opportunities the markets present.

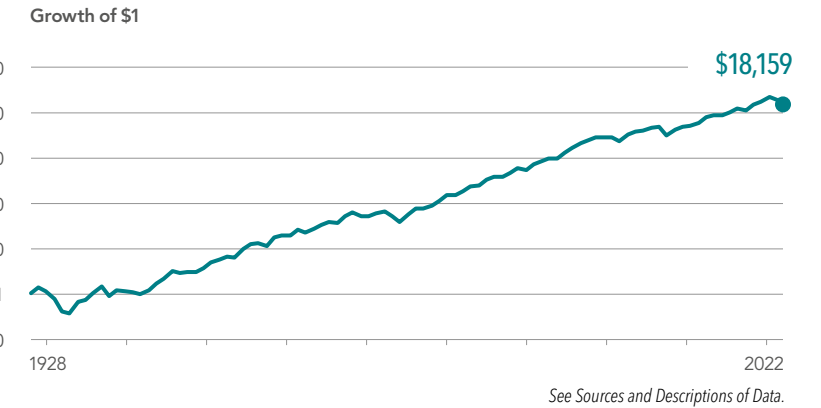
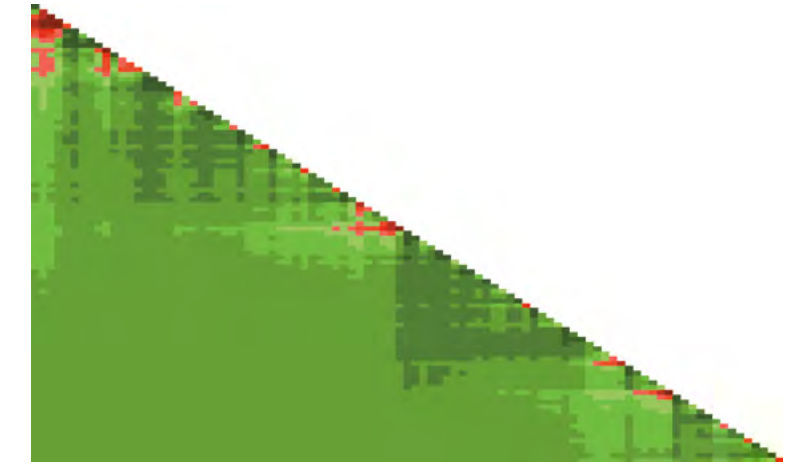
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Table of Dimensional US Adjusted Market 2 Index data from 1928 to 2022. The table lists the index value for each year, with values ranging from approximately -21.1 in 1931 to 18,159 in 2022. The data shows a long-term upward trend with significant volatility.

Dimensional US Adjusted Market 2 Index

1928-2022

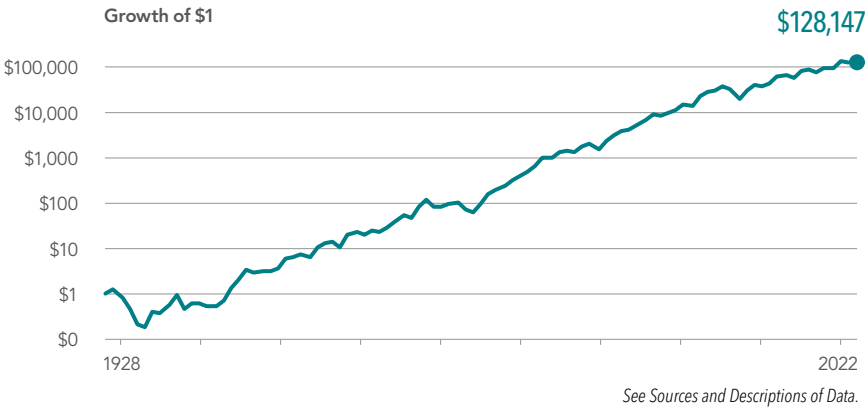
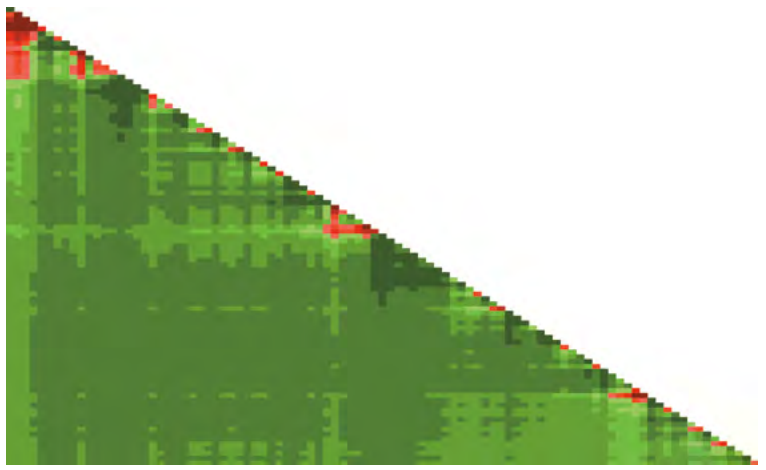


See Sources and Descriptions of Data.

Table of annual returns for the Dimensional US Small Cap Value Index from 1928 to 2022. The table lists the year and the percentage return for each year, with some years highlighted in red or green to indicate significant performance. The returns range from -12.4% in 1934 to 14.3% in 2022.

Dimensional US Small Cap Value Index

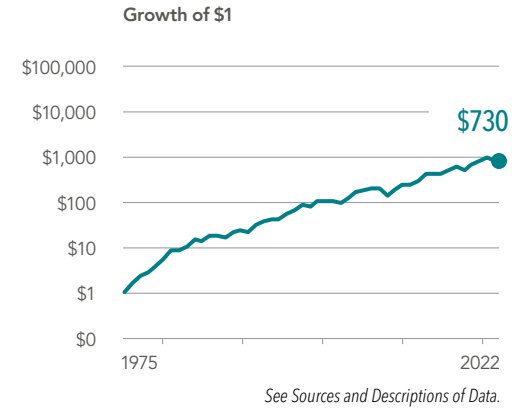
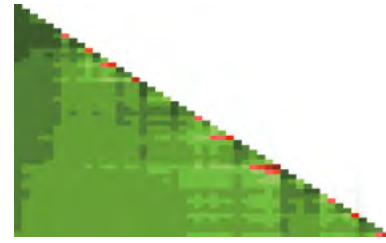
1928-2022



See Sources and Descriptions of Data.

Dimensional US Small Cap Growth Index

1975–2022

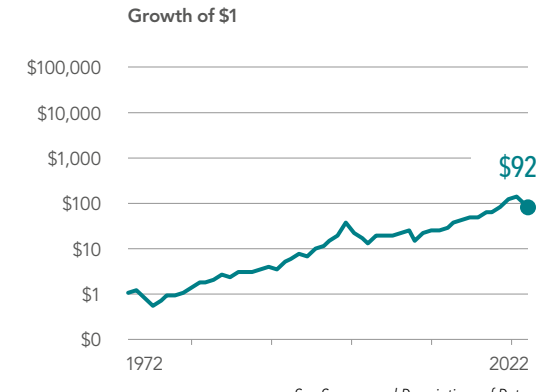


See Sources and Descriptions of Data.

| Year | Value |
|------|-------|
| 1975 | 63.0 |
| 1976 | 52.1 |
| 1977 | 41.7 |
| 1978 | 37.0 |
| 1979 | 39.3 |
| 1980 | 42.0 |
| 1981 | 34.6 |
| 1982 | 33.9 |
| 1983 | 34.0 |
| 1984 | 28.8 |
| 1985 | 29.3 |
| 1986 | 27.3 |
| 1987 | 23.8 |
| 1988 | 24.1 |
| 1989 | 23.7 |
| 1990 | 20.8 |
| 1991 | 22.3 |
| 1992 | 21.9 |
| 1993 | 21.5 |
| 1994 | 20.3 |
| 1995 | 20.8 |
| 1996 | 20.8 |
| 1997 | 21.0 |
| 1998 | 19.9 |
| 1999 | 20.1 |
| 2000 | 19.3 |
| 2001 | 18.7 |
| 2002 | 17.4 |
| 2003 | 18.1 |
| 2004 | 18.3 |
| 2005 | 18.0 |
| 2006 | 18.0 |
| 2007 | 17.4 |
| 2008 | 15.4 |
| 2009 | 15.8 |
| 2010 | 16.2 |
| 2011 | 15.7 |
| 2012 | 15.8 |
| 2013 | 16.5 |
| 2014 | 16.1 |
| 2015 | 15.7 |
| 2016 | 15.8 |
| 2017 | 15.9 |
| 2018 | 15.1 |
| 2019 | 15.4 |
| 2020 | 15.4 |
| 2021 | 15.6 |
| 2022 | 14.7 |

NASDAQ Index

1972–2022

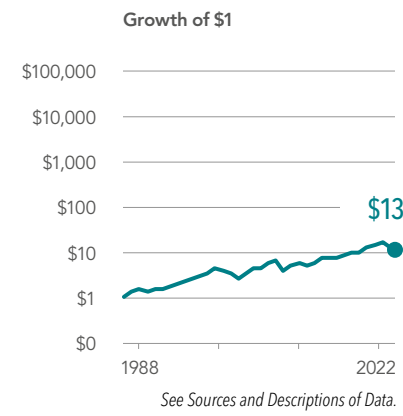


See Sources and Descriptions of Data.

| Year | Value |
|------|-------|
| 1972 | 17.2 |
| 1973 | -10.1 |
| 1974 | -19.4 |
| 1975 | -9.2 |
| 1976 | -3.0 |
| 1977 | -1.4 |
| 1978 | 0.5 |
| 1979 | 3.6 |
| 1980 | 6.6 |
| 1981 | 5.5 |
| 1982 | 6.7 |
| 1983 | 7.7 |
| 1984 | 6.1 |
| 1985 | 7.8 |
| 1986 | 7.7 |
| 1987 | 6.9 |
| 1988 | 7.4 |
| 1989 | 8.0 |
| 1990 | 6.4 |
| 1991 | 8.5 |
| 1992 | 8.8 |
| 1993 | 9.1 |
| 1994 | 8.5 |
| 1995 | 9.7 |
| 1996 | 10.2 |
| 1997 | 10.6 |
| 1998 | 11.6 |
| 1999 | 13.6 |
| 2000 | 11.2 |
| 2001 | 9.9 |
| 2002 | 8.3 |
| 2003 | 9.4 |
| 2004 | 9.3 |
| 2005 | 9.1 |
| 2006 | 9.1 |
| 2007 | 9.1 |
| 2008 | 7.4 |
| 2009 | 8.2 |
| 2010 | 8.4 |
| 2011 | 8.1 |
| 2012 | 8.3 |
| 2013 | 8.9 |
| 2014 | 9.1 |
| 2015 | 9.0 |
| 2016 | 8.9 |
| 2017 | 9.3 |
| 2018 | 9.0 |
| 2019 | 9.5 |
| 2020 | 10.1 |
| 2021 | 10.3 |
| 2022 | 9.3 |

MSCI All Country World Index

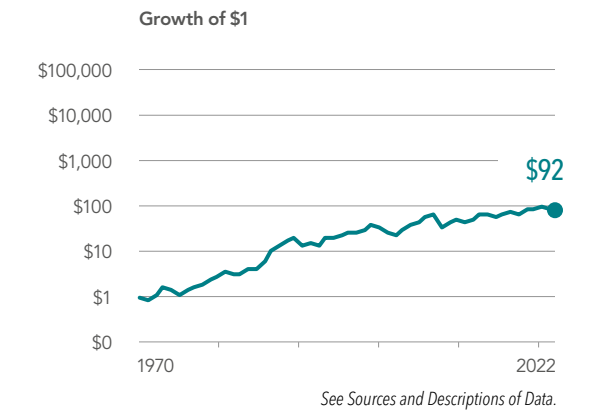
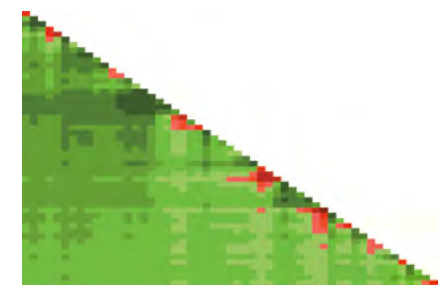
1988–2022



| Year | Value |
|------|-------|
| 1988 | 24.0 |
| 1989 | 20.8 |
| 1990 | 6.8 |
| 1991 | 9.9 |
| 1992 | 6.9 |
| 1993 | 9.7 |
| 1994 | 9.1 |
| 1995 | 10.3 |
| 1996 | 10.6 |
| 1997 | 11.1 |
| 1998 | 12.0 |
| 1999 | 13.2 |
| 2000 | 10.8 |
| 2001 | 8.6 |
| 2002 | 6.5 |
| 2003 | 8.1 |
| 2004 | 8.5 |
| 2005 | 8.7 |
| 2006 | 9.3 |
| 2007 | 9.5 |
| 2008 | 6.2 |
| 2009 | 7.4 |
| 2010 | 7.7 |
| 2011 | 7.0 |
| 2012 | 7.4 |
| 2013 | 8.0 |
| 2014 | 7.8 |
| 2015 | 7.5 |
| 2016 | 7.5 |
| 2017 | 8.0 |
| 2018 | 7.5 |
| 2019 | 8.0 |
| 2020 | 8.3 |
| 2021 | 8.6 |
| 2022 | 7.7 |

MSCI World ex USA Index

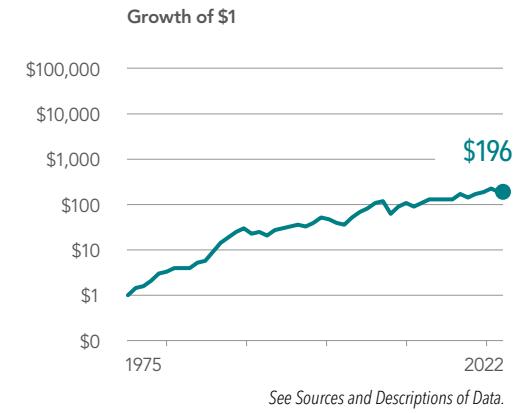
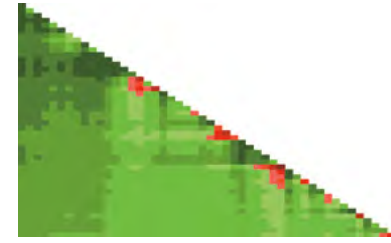
1970–2022



| Year | Value |
|------|-------|
| 1970 | -13.4 |
| 1971 | 7.4 |
| 1972 | 17.4 |
| 1973 | 9.7 |
| 1974 | 3.3 |
| 1975 | 7.8 |
| 1976 | 7.1 |
| 1977 | 8.4 |
| 1978 | 10.9 |
| 1979 | 10.9 |
| 1980 | 12.1 |
| 1981 | 10.8 |
| 1982 | 10.0 |
| 1983 | 11.0 |
| 1984 | 10.4 |
| 1985 | 12.6 |
| 1986 | 15.2 |
| 1987 | 15.7 |
| 1988 | 16.3 |
| 1989 | 16.1 |
| 1990 | 13.8 |
| 1991 | 13.8 |
| 1992 | 12.5 |
| 1993 | 13.3 |
| 1994 | 13.1 |
| 1995 | 13.0 |
| 1996 | 12.8 |
| 1997 | 12.4 |
| 1998 | 12.6 |
| 1999 | 13.1 |
| 2000 | 12.2 |
| 2001 | 10.9 |
| 2002 | 10.0 |
| 2003 | 10.8 |
| 2004 | 11.1 |
| 2005 | 11.2 |
| 2006 | 11.6 |
| 2007 | 11.6 |
| 2008 | 9.7 |
| 2009 | 10.2 |
| 2010 | 10.2 |
| 2011 | 9.6 |
| 2012 | 9.8 |
| 2013 | 10.1 |
| 2014 | 9.7 |
| 2015 | 9.4 |
| 2016 | 9.3 |
| 2017 | 9.6 |
| 2018 | 9.1 |
| 2019 | 9.3 |
| 2020 | 9.3 |
| 2021 | 9.4 |
| 2022 | 8.9 |

Dimensional International Adjusted Market Index

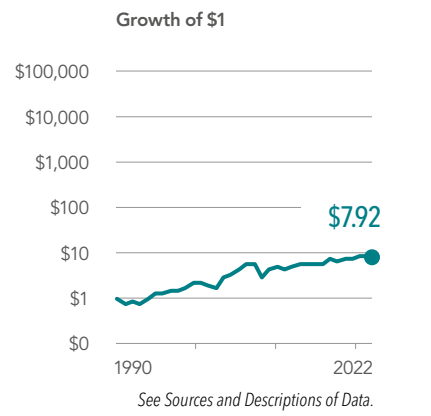
1975–2022



| Year | Value |
|------|-------|
| 1975 | 46.0 |
| 1976 | 26.0 |
| 1977 | 29.3 |
| 1978 | 33.1 |
| 1979 | 27.1 |
| 1980 | 27.3 |
| 1981 | 23.0 |
| 1982 | 19.9 |
| 1983 | 21.0 |
| 1984 | 19.5 |
| 1985 | 22.5 |
| 1986 | 25.4 |
| 1987 | 26.0 |
| 1988 | 26.0 |
| 1989 | 25.5 |
| 1990 | 21.8 |
| 1991 | 21.0 |
| 1992 | 18.6 |
| 1993 | 19.2 |
| 1994 | 18.8 |
| 1995 | 18.2 |
| 1996 | 17.7 |
| 1997 | 16.7 |
| 1998 | 16.7 |
| 1999 | 17.1 |
| 2000 | 16.1 |
| 2001 | 14.7 |
| 2002 | 13.8 |
| 2003 | 14.9 |
| 2004 | 15.3 |
| 2005 | 15.4 |
| 2006 | 15.8 |
| 2007 | 15.8 |
| 2008 | 13.1 |
| 2009 | 13.8 |
| 2010 | 13.9 |
| 2011 | 13.1 |
| 2012 | 13.2 |
| 2013 | 13.4 |
| 2014 | 13.0 |
| 2015 | 12.6 |
| 2016 | 12.5 |
| 2017 | 12.8 |
| 2018 | 12.1 |
| 2019 | 12.3 |
| 2020 | 12.2 |
| 2021 | 12.2 |
| 2022 | 11.6 |

Dimensional International Large Value Index

1990–2022



| Year | Value |
|------|-------|
| 1990 | 22.9 |
| 1991 | 8.1 |
| 1992 | 8.8 |
| 1993 | 8.8 |
| 1994 | 4.0 |
| 1995 | 5.0 |
| 1996 | 5.5 |
| 1997 | 5.2 |
| 1998 | 6.7 |
| 1999 | 8.6 |
| 2000 | 8.0 |
| 2001 | 5.9 |
| 2002 | 4.5 |
| 2003 | 7.5 |
| 2004 | 8.6 |
| 2005 | 9.2 |
| 2006 | 10.3 |
| 2007 | 10.1 |
| 2008 | 5.8 |
| 2009 | 7.6 |
| 2010 | 7.8 |
| 2011 | 6.5 |
| 2012 | 7.1 |
| 2013 | 7.7 |
| 2014 | 7.1 |
| 2015 | 6.6 |
| 2016 | 6.8 |
| 2017 | 7.5 |
| 2018 | 6.5 |
| 2019 | 6.8 |
| 2020 | 6.4 |
| 2021 | 6.8 |
| 2022 | 6.5 |

Dimensional International Small Cap Index

1970-2022

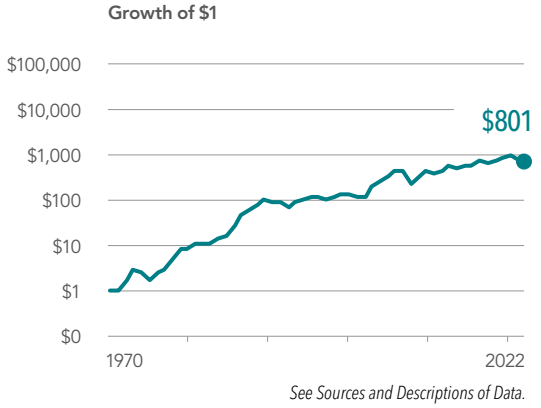
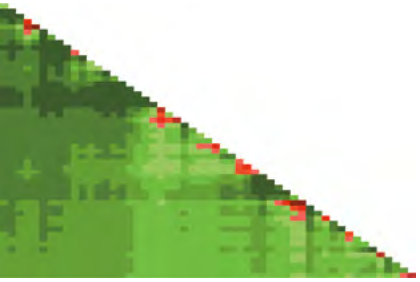


Table listing annual index values from 1970 to 2022. Values range from 0.9 in 1970 to 132 in 2022, with various fluctuations and negative years marked.

Dimensional International Small Cap Value Index

1982-2022

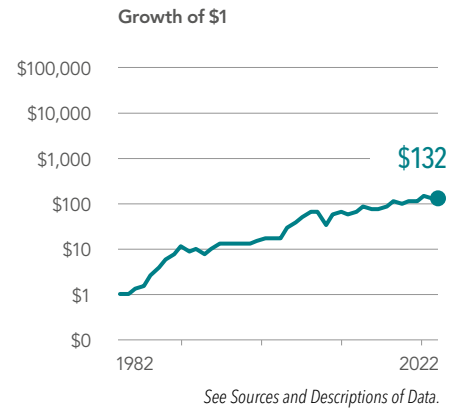
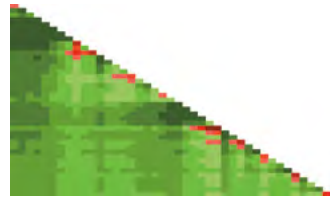
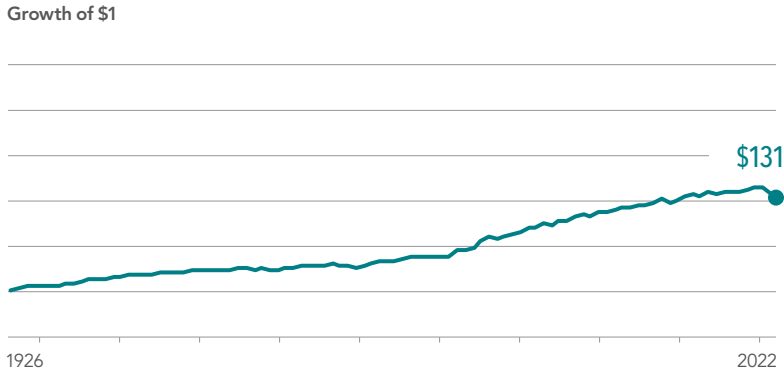
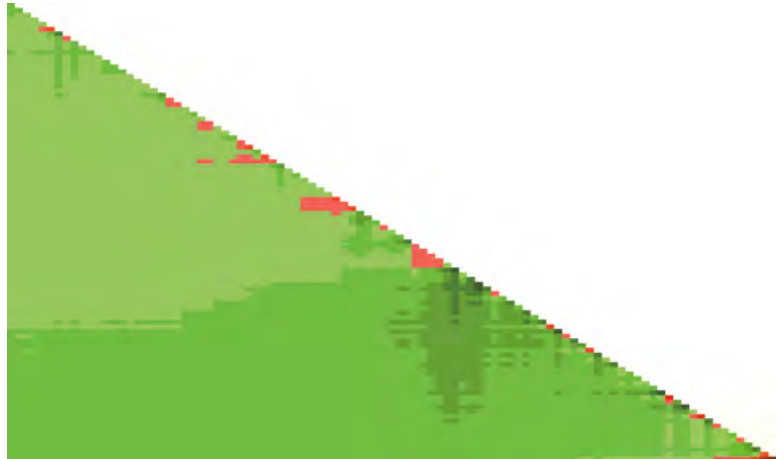


Table listing annual index values from 1982 to 2022. Values range from -2.4 in 1982 to 132 in 2022, with various fluctuations and negative years marked.

Long-Term Government Bonds

1926-2022

| Year | Yield | Year | Yield | Year | Yield |
|------|-------|------|-------|------|-------|
| 1926 | 7.8 | 1927 | 8.3 | 1928 | 8.9 |
| 1929 | 5.0 | 1930 | 4.9 | 1931 | 3.1 |
| 1932 | 5.0 | 1933 | 4.4 | 1934 | 5.0 |
| 1935 | 5.0 | 1936 | 5.2 | 1937 | 4.8 |
| 1938 | 4.8 | 1939 | 4.9 | 1940 | 5.0 |
| 1941 | 4.7 | 1942 | 4.6 | 1943 | 4.5 |
| 1944 | 4.4 | 1945 | 4.6 | 1946 | 4.5 |
| 1947 | 4.1 | 1948 | 4.1 | 1949 | 4.2 |
| 1950 | 4.0 | 1951 | 3.7 | 1952 | 3.6 |
| 1953 | 3.6 | 1954 | 3.7 | 1955 | 3.6 |
| 1956 | 3.3 | 1957 | 3.4 | 1958 | 3.3 |
| 1959 | 2.9 | 1960 | 3.2 | 1961 | 3.2 |
| 1962 | 3.2 | 1963 | 3.2 | 1964 | 3.2 |
| 1965 | 3.2 | 1966 | 3.2 | 1967 | 3.2 |
| 1968 | 2.8 | 1969 | 2.6 | 1970 | 2.8 |
| 1971 | 3.0 | 1972 | 3.1 | 1973 | 3.1 |
| 1974 | 3.0 | 1975 | 3.1 | 1976 | 3.4 |
| 1977 | 3.3 | 1978 | 3.2 | 1979 | 3.1 |
| 1980 | 3.0 | 1981 | 2.9 | 1982 | 3.5 |
| 1983 | 3.5 | 1984 | 3.7 | 1985 | 4.1 |
| 1986 | 4.4 | 1987 | 4.3 | 1988 | 4.4 |
| 1989 | 4.6 | 1990 | 4.6 | 1991 | 4.8 |
| 1992 | 4.8 | 1993 | 5.0 | 1994 | 4.8 |
| 1995 | 5.2 | 1996 | 5.1 | 1997 | 5.2 |
| 1998 | 5.3 | 1999 | 5.1 | 2000 | 5.3 |
| 2001 | 5.3 | 2002 | 5.5 | 2003 | 5.4 |
| 2004 | 5.4 | 2005 | 5.5 | 2006 | 5.4 |
| 2007 | 5.5 | 2008 | 5.7 | 2009 | 5.4 |
| 2010 | 5.5 | 2011 | 5.7 | 2012 | 5.7 |
| 2013 | 5.5 | 2014 | 5.7 | 2015 | 5.6 |
| 2016 | 5.5 | 2017 | 5.5 | 2018 | 5.5 |
| 2019 | 5.6 | 2020 | 5.7 | 2021 | 5.5 |
| 2022 | 5.2 | | | | |



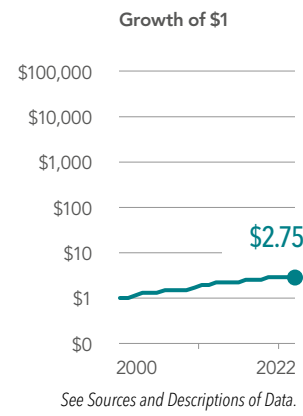
See Sources and Descriptions of Data.

Dimensional Targeted Credit Index

Hedged to USD

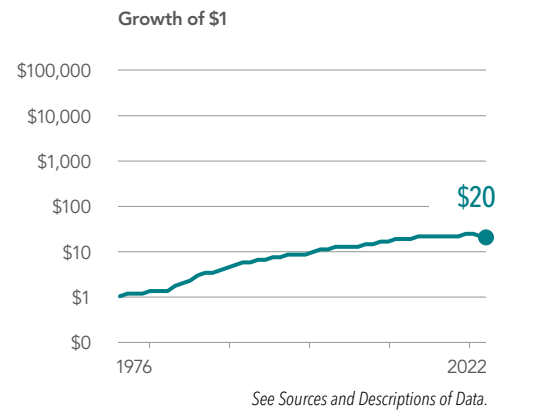
2000–2022

| Year | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2000 | 5.8 | | | | | | | | | | | | | | | | | | | | | | |
| 2001 | 7.2 | 8.7 | | | | | | | | | | | | | | | | | | | | | |
| 2002 | 6.8 | 7.3 | 5.9 | | | | | | | | | | | | | | | | | | | | |
| 2003 | 7.3 | 7.8 | 7.4 | 8.9 | | | | | | | | | | | | | | | | | | | |
| 2004 | 6.6 | 6.8 | 6.2 | 6.3 | 3.8 | | | | | | | | | | | | | | | | | | |
| 2005 | 5.7 | 5.6 | 4.9 | 4.5 | 2.4 | 1.1 | | | | | | | | | | | | | | | | | |
| 2006 | 5.6 | 5.6 | 5.0 | 4.7 | 3.4 | 3.2 | 5.3 | | | | | | | | | | | | | | | | |
| 2007 | 5.5 | 5.5 | 4.9 | 4.8 | 3.7 | 3.7 | 5.1 | 4.8 | | | | | | | | | | | | | | | |
| 2008 | 4.2 | 4.0 | 3.4 | 3.0 | 1.8 | 1.3 | 1.4 | -0.5 | -5.5 | | | | | | | | | | | | | | |
| 2009 | 5.8 | 5.8 | 5.5 | 5.4 | 4.8 | 5.0 | 6.0 | 6.3 | 7.0 | 21.1 | | | | | | | | | | | | | |
| 2010 | 6.0 | 6.0 | 5.7 | 5.7 | 5.2 | 5.5 | 6.4 | 6.6 | 7.2 | 14.2 | 7.7 | | | | | | | | | | | | |
| 2011 | 5.7 | 5.7 | 5.4 | 5.3 | 4.9 | 5.0 | 5.7 | 5.8 | 6.0 | 10.1 | 5.0 | 2.4 | | | | | | | | | | | |
| 2012 | 6.2 | 6.2 | 6.0 | 6.0 | 5.6 | 5.9 | 6.6 | 6.8 | 7.2 | 10.6 | 7.3 | 7.1 | 12.1 | | | | | | | | | | |
| 2013 | 6.0 | 6.0 | 5.8 | 5.8 | 5.4 | 5.6 | 6.2 | 6.3 | 6.6 | 9.2 | 6.4 | 5.9 | 7.8 | 3.6 | | | | | | | | | |
| 2014 | 5.8 | 5.8 | 5.6 | 5.6 | 5.3 | 5.4 | 5.9 | 6.0 | 6.2 | 8.2 | 5.8 | 5.3 | 6.4 | 3.6 | 3.5 | | | | | | | | |
| 2015 | 5.5 | 5.5 | 5.3 | 5.2 | 4.9 | 5.0 | 5.4 | 5.4 | 5.5 | 7.1 | 5.0 | 4.4 | 5.0 | 2.7 | 2.2 | 0.9 | | | | | | | |
| 2016 | 5.5 | 5.5 | 5.3 | 5.2 | 4.9 | 5.0 | 5.4 | 5.4 | 5.5 | 6.9 | 5.0 | 4.6 | 5.0 | 3.3 | 3.3 | 3.1 | 5.4 | | | | | | |
| 2017 | 5.4 | 5.4 | 5.2 | 5.1 | 4.9 | 4.9 | 5.3 | 5.3 | 5.3 | 6.6 | 4.9 | 4.5 | 4.8 | 3.4 | 3.4 | 3.3 | 4.6 | 3.7 | | | | | |
| 2018 | 5.1 | 5.1 | 4.9 | 4.8 | 4.6 | 4.6 | 4.9 | 4.9 | 4.9 | 5.9 | 4.4 | 4.0 | 4.2 | 2.9 | 2.8 | 2.6 | 3.2 | 2.1 | 0.6 | | | | |
| 2019 | 5.3 | 5.3 | 5.1 | 5.0 | 4.8 | 4.9 | 5.1 | 5.1 | 5.2 | 6.2 | 4.8 | 4.5 | 4.7 | 3.7 | 3.7 | 3.8 | 4.5 | 4.2 | 4.4 | 8.4 | | | |
| 2020 | 5.3 | 5.3 | 5.1 | 5.1 | 4.9 | 4.9 | 5.2 | 5.2 | 5.2 | 6.2 | 4.9 | 4.6 | 4.9 | 4.0 | 4.0 | 4.1 | 4.8 | 4.6 | 4.9 | 7.2 | 6.0 | | |
| 2021 | 5.1 | 5.0 | 4.9 | 4.8 | 4.6 | 4.6 | 4.9 | 4.8 | 4.8 | 5.7 | 4.5 | 4.2 | 4.4 | 3.5 | 3.5 | 3.5 | 3.9 | 3.7 | 3.6 | 4.7 | 2.9 | -0.2 | |
| 2022 | 4.5 | 4.4 | 4.2 | 4.2 | 3.9 | 3.9 | 4.1 | 4.0 | 4.0 | 4.7 | 3.5 | 3.2 | 3.2 | 2.4 | 2.3 | 2.1 | 2.3 | 1.8 | 1.4 | 1.6 | -0.6 | -3.8 | -7.3 |



Bloomberg US Mortgage Backed Securities Index

1976–2022

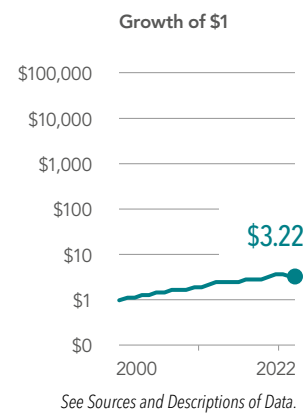


Dimensional Global Adjusted Fixed Income Market Index

Hedged to USD

2000–2022

| Year | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 2000 | 8.9 | | | | | | | | | | | | | | | | | | | | | | |
| 2001 | 8.8 | 8.7 | | | | | | | | | | | | | | | | | | | | | |
| 2002 | 8.4 | 8.1 | 7.5 | | | | | | | | | | | | | | | | | | | | |
| 2003 | 8.3 | 8.1 | 7.8 | 8.0 | | | | | | | | | | | | | | | | | | | |
| 2004 | 8.0 | 7.8 | 7.5 | 7.4 | 6.8 | | | | | | | | | | | | | | | | | | |
| 2005 | 7.4 | 7.1 | 6.7 | 6.4 | 5.6 | 4.4 | | | | | | | | | | | | | | | | | |
| 2006 | 7.0 | 6.7 | 6.3 | 6.0 | 5.3 | 4.5 | 4.7 | | | | | | | | | | | | | | | | |
| 2007 | 6.6 | 6.3 | 5.9 | 5.6 | 5.0 | 4.4 | 4.4 | 4.2 | | | | | | | | | | | | | | | |
| 2008 | 5.3 | 4.9 | 4.3 | 3.8 | 3.0 | 2.0 | 1.3 | -0.4 | -4.8 | | | | | | | | | | | | | | |
| 2009 | 6.4 | 6.2 | 5.9 | 5.6 | 5.2 | 4.9 | 5.1 | 5.2 | 5.7 | 17.3 | | | | | | | | | | | | | |
| 2010 | 6.5 | 6.3 | 6.0 | 5.8 | 5.5 | 5.3 | 5.5 | 5.7 | 6.2 | 12.1 | 7.1 | | | | | | | | | | | | |
| 2011 | 6.3 | 6.1 | 5.8 | 5.6 | 5.3 | 5.1 | 5.3 | 5.4 | 5.7 | 9.4 | 5.6 | 4.2 | | | | | | | | | | | |
| 2012 | 6.9 | 6.7 | 6.5 | 6.4 | 6.2 | 6.1 | 6.4 | 6.7 | 7.2 | 10.4 | 8.2 | 8.8 | 13.6 | | | | | | | | | | |
| 2013 | 6.5 | 6.3 | 6.1 | 6.0 | 5.8 | 5.7 | 5.9 | 6.0 | 6.3 | 8.7 | 6.6 | 6.5 | 7.7 | 2.1 | | | | | | | | | |
| 2014 | 6.7 | 6.6 | 6.4 | 6.3 | 6.2 | 6.1 | 6.3 | 6.5 | 6.8 | 8.9 | 7.3 | 7.3 | 8.4 | 5.9 | 10.0 | | | | | | | | |
| 2015 | 6.3 | 6.2 | 6.0 | 5.9 | 5.7 | 5.6 | 5.7 | 5.8 | 6.0 | 7.6 | 6.1 | 5.9 | 6.4 | 4.1 | 5.1 | 0.4 | | | | | | | |
| 2016 | 6.4 | 6.3 | 6.1 | 6.0 | 5.9 | 5.8 | 5.9 | 6.1 | 6.3 | 7.7 | 6.4 | 6.3 | 6.7 | 5.1 | 6.1 | 4.3 | 8.3 | | | | | | |
| 2017 | 6.4 | 6.3 | 6.1 | 6.0 | 5.9 | 5.8 | 5.9 | 6.0 | 6.2 | 7.5 | 6.4 | 6.3 | 6.6 | 5.3 | 6.1 | 4.8 | 7.1 | 6.0 | | | | | |
| 2018 | 6.1 | 5.9 | 5.7 | 5.6 | 5.5 | 5.4 | 5.5 | 5.5 | 5.7 | 6.8 | 5.6 | 5.5 | 5.6 | 4.4 | 4.9 | 3.6 | 4.7 | 3.0 | 0.0 | | | | |
| 2019 | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 5.9 | 6.1 | 6.2 | 6.3 | 7.4 | 6.4 | 6.4 | 6.7 | 5.7 | 6.3 | 5.6 | 6.9 | 6.5 | 6.8 | 14.0 | | | |
| 2020 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.2 | 6.3 | 6.4 | 6.6 | 7.6 | 6.7 | 6.7 | 7.0 | 6.2 | 6.8 | 6.2 | 7.4 | 7.2 | 7.6 | 11.7 | 9.4 | | |
| 2021 | 6.2 | 6.1 | 6.0 | 5.9 | 5.8 | 5.7 | 5.8 | 5.9 | 6.0 | 6.9 | 6.1 | 6.0 | 6.2 | 5.4 | 5.8 | 5.2 | 6.0 | 5.6 | 5.5 | 7.4 | 4.2 | -0.7 | |
| 2022 | 5.2 | 5.1 | 4.9 | 4.8 | 4.6 | 4.5 | 4.5 | 4.4 | 4.5 | 5.2 | 4.3 | 4.0 | 4.0 | 3.1 | 3.2 | 2.4 | 2.7 | 1.8 | 1.0 | 1.3 | -2.6 | -8.2 | -15.1 |



| Year | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|
| 1976 | 16.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1977 | 8.9 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1978 | 6.7 | 2.1 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1979 | 5.0 | 1.5 | 1.3 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1980 | 4.1 | 1.3 | 1.1 | 0.4 | 0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1981 | 3.4 | 1.0 | 0.8 | 0.3 | 0.4 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1982 | 8.3 | 7.1 | 8.1 | 9.6 | 12.9 | 19.6 | 43.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1983 | 8.6 | 7.5 | 8.5 | 9.7 | 12.2 | 16.4 | 25.5 | 10.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1984 | 9.3 | 8.5 | 9.5 | 10.7 | 12.9 | 16.2 | 22.2 | 12.9 | 15.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1985 | 10.8 | 10.2 | 11.3 | 12.7 | 14.9 | 18.0 | 22.9 | 16.9 | 20.4 | 25.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1986 | 11.1 | 10.5 | 11.6 | 12.8 | 14.7 | 17.2 | 21.0 | 16.0 | 18.0 | 19.2 | 13.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1987 | 10.5 | 10.0 | 10.8 | 11.8 | 13.3 | 15.3 | 18.0 | 13.6 | 14.4 | 14.0 | 8.8 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1988 | 10.3 | 9.9 | 10.6 | 11.5 | 12.8 | 14.4 | 16.6 | 12.7 | 13.3 | 12.7 | 8.8 | 6.5 | 8.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1989 | 10.7 | 10.3 | 11.0 | 11.8 | 13.1 | 14.5 | 16.5 | 13.1 | 13.6 | 13.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Bloomberg Commodity Total Return Index

1992–2022



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|------|-----|------|-----|------|------|-----|-----|------|------|-----|-----|------|------|------|------|------|------|------|------|------|-----|-----|------|------|-----|------|------|-----|-----|-----|-----|------|-------|-------|------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|------|------|-----|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|-----|------|-----|-----|------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|-----|------|-----|-----|------|-----|-----|-----|-----|------|------|------|------|------|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|-------|------|-------|-------|------|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|
| 1992 | 3.7 | 1993 | 1.3 | -1.1 | 1994 | 6.2 | 7.4 | 16.6 | 1995 | 8.4 | 9.9 | 15.9 | 15.2 | 1996 | 11.2 | 13.1 | 18.3 | 19.1 | 23.2 | 1997 | 8.6 | 9.6 | 12.4 | 11.1 | 9.1 | -3.4 | 1998 | 2.6 | 2.4 | 3.1 | 0.0 | -4.6 | -16.0 | -27.0 | 1999 | 5.1 | 5.3 | 6.4 | 4.5 | 1.9 | -4.3 | -4.7 | 24.3 | 2000 | 7.8 | 8.3 | 9.7 | 8.6 | 7.3 | 3.7 | 6.2 | 28.0 | 31.8 | 2001 | 4.7 | 4.8 | 5.5 | 4.0 | 2.3 | -1.4 | -0.9 | 9.7 | 3.0 | -19.5 | 2002 | 6.4 | 6.7 | 7.6 | 6.6 | 5.4 | 2.7 | 3.9 | 13.5 | 10.1 | 0.7 | 25.9 | 2003 | 7.8 | 8.2 | 9.2 | 8.4 | 7.5 | 5.5 | 7.0 | 15.5 | 13.4 | 7.9 | 24.9 | 23.9 | 2004 | 7.9 | 8.3 | 9.2 | 8.4 | 7.7 | 5.9 | 7.3 | 14.4 | 12.6 | 8.2 | 19.4 | 16.3 | 9.1 | 2005 | 8.8 | 9.2 | 10.1 | 9.6 | 9.0 | 7.5 | 9.0 | 15.4 | 14.0 | 10.7 | 19.9 | 18.0 | 15.1 | 21.4 | 2006 | 8.4 | 8.7 | 9.5 | 8.9 | 8.4 | 7.0 | 8.2 | 13.7 | 12.2 | 9.2 | 16.1 | 13.8 | 10.6 | 11.3 | 2.1 | 2007 | 8.8 | 9.2 | 10.0 | 9.5 | 9.0 | 7.8 | 9.0 | 13.9 | 12.7 | 10.2 | 16.1 | 14.3 | 12.0 | 12.9 | 8.9 | 16.2 | 2008 | 5.5 | 5.6 | 6.1 | 5.4 | 4.7 | 3.3 | 3.9 | 7.6 | 5.9 | 3.0 | 6.7 | 3.8 | 0.2 | -1.9 | -8.6 | -13.5 | -35.6 | 2009 | 6.2 | 6.4 | 6.9 | 6.2 | 5.6 | 4.4 | 5.1 | 8.6 | 7.1 | 4.7 | 8.2 | 5.9 | 3.1 | 2.0 | -2.4 | -3.8 | -12.5 | 18.9 | 2010 | 6.8 | 6.9 | 7.4 | 6.9 | 6.3 | 5.2 | 5.9 | 9.3 | 8.0 | 5.8 | 9.1 | 7.2 | 5.0 | 4.3 | 1.2 | 1.0 | -3.7 | 17.9 | 16.8 | 2011 | 5.6 | 5.8 | 6.1 | 5.6 | 5.0 | 3.9 | 4.4 | 7.3 | 6.0 | 3.9 | 6.6 | 4.7 | 2.5 | 1.6 | -1.4 | -2.1 | -6.2 | 6.4 | 0.6 | -13.3 | 2012 | 5.3 | 5.4 | 5.8 | 5.2 | 4.6 | 3.6 | 4.0 | 6.7 | 5.5 | 3.5 | 5.9 | 4.1 | 2.1 | 1.2 | -1.3 | -1.9 | -5.2 | 4.5 | 0.1 | -7.4 | -1.1 | 2013 | 4.6 | 4.6 | 4.9 | 4.3 | 3.8 | 2.7 | 3.1 | 5.5 | 4.3 | 2.4 | 4.5 | 2.8 | 0.9 | 0.0 | -2.4 | -3.0 | -5.9 | 1.5 | -2.4 | -8.1 | -5.4 | -9.5 | 2014 | 3.5 | 3.5 | 3.8 | 3.2 | 2.6 | 1.5 | 1.8 | 4.0 | 2.7 | 0.9 | 2.7 | 1.0 | -0.9 | -1.9 | -4.1 | -4.9 | -7.6 | -1.8 | -5.5 | -10.4 | -9.4 | -13.3 | -17.0 | 2015 | 2.2 | 2.1 | 2.3 | 1.6 | 1.0 | -0.1 | 0.1 | 2.0 | 0.8 | -1.0 | 0.4 | -1.3 | -3.1 | -4.2 | -6.4 | -7.3 | -9.9 | -5.5 | -9.0 | -13.5 | -13.5 | -17.3 | -20.9 | -24.7 | 2016 | 2.6 | 2.5 | 2.7 | 2.1 | 1.5 | 0.5 | 0.7 | 2.5 | 1.4 | -0.3 | 1.2 | -0.4 | -2.1 | -3.0 | -4.9 | -5.6 | -7.7 | -3.5 | -6.3 | -9.7 | -9.0 | -10.8 | -11.3 | -8.2 | 11.8 | 2017 | 2.5 | 2.5 | 2.6 | 2.1 | 1.5 | 0.6 | 0.8 | 2.5 | 1.4 | -0.2 | 1.2 | -0.3 | -1.8 | -2.6 | -4.4 | -4.9 | -6.8 | -2.9 | -5.3 | -8.1 | -7.3 | -8.5 | -8.2 | -5.0 | 6.6 | 1.7 | 2018 | 2.0 | 1.9 | 2.0 | 1.5 | 0.9 | 0.0 | 0.2 | 1.8 | 0.7 | -0.8 | 0.4 | -1.0 | -2.5 | -3.2 | -4.9 | -5.5 | -7.2 | -3.8 | -6.0 | -8.5 | -7.8 | -8.9 | -8.8 | -6.6 | 0.3 | -5.0 | -11.2 | 2019 | 2.2 | 2.1 | 2.2 | 1.7 | 1.2 | 0.3 | 0.5 | 2.0 | 1.0 | -0.4 | 0.8 | -0.5 | -1.9 | -2.6 | -4.1 | -4.5 | -6.1 | -2.8 | -4.7 | -6.9 | -6.0 | -6.7 | -6.2 | -3.9 | 2.1 | -0.9 | -2.2 | 7.7 | 2020 | 2.0 | 1.9 | 2.0 | 1.5 | 1.0 | 0.2 | 0.3 | 1.8 | 0.8 | -0.5 | 0.6 | -0.7 | -1.9 | -2.6 | -4.0 | -4.4 | -5.9 | -2.8 | -4.6 | -6.5 | -5.7 | -6.3 | -5.8 | -3.8 | 1.0 | -1.5 | -2.5 | 2.1 | -3.1 | 2021 | 2.7 | 2.7 | 2.8 | 2.4 | 1.9 | 1.1 | 1.3 | 2.8 | 1.9 | 0.6 | 1.8 | 0.6 | -0.5 | -1.1 | -2.3 | -2.6 | -3.8 | -0.8 | -2.3 | -3.9 | -2.9 | -3.0 | -2.2 | 0.1 | 5.0 | 3.7 | 4.2 | 9.9 | 11.0 | 27.1 | 2022 | 3.1 | 3.1 | 3.3 | 2.8 | 2.4 | 1.7 | 1.9 | 3.3 | 2.5 | 1.3 | 2.4 | 1.4 | 0.3 | -0.2 | -1.3 | -1.5 | -2.6 | 0.3 | -1.0 | -2.3 | -1.3 | -1.3 | -0.3 | 2.0 | 6.5 | 5.6 | 6.4 | 11.4 | 12.7 | 21.5 | 16.1 |
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| 1998 | 3.9 | 1999 | 3.2 | 2.4 | 2000 | 6.4 | 7.7 | 13.2 | 2001 | 6.8 | 7.7 | 10.5 | 7.9 | 2002 | 8.7 | 9.9 | 12.5 | 12.1 | 16.6 | 2003 | 8.6 | 9.6 | 11.5 | 10.9 | 12.4 | 8.4 | 2004 | 8.6 | 9.4 | 10.8 | 10.3 | 11.1 | 8.4 | 8.5 | 2005 | 7.9 | 8.4 | 9.5 | 8.7 | 9.0 | 6.5 | 5.6 | 2.8 | 2006 | 7.0 | 7.4 | 8.1 | 7.3 | 7.2 | 5.0 | 3.9 | 1.7 | 0.5 | 2007 | 7.5 | 7.9 | 8.6 | 7.9 | 7.9 | 6.3 | 5.8 | 4.9 | 5.9 | 11.6 | 2008 | 6.5 | 6.8 | 7.3 | 6.6 | 6.4 | 4.8 | 4.1 | 3.0 | 3.1 | 4.4 | -2.4 | 2009 | 6.9 | 7.2 | 7.7 | 7.1 | 7.0 | 5.7 | 5.3 | 4.6 | 5.1 | 6.7 | 4.3 | 11.4 | 2010 | 6.9 | 7.1 | 7.6 | 7.0 | 6.9 | 5.8 | 5.4 | 4.9 | 5.3 | 6.6 | 5.0 | 8.8 | 6.3 | 2011 | 7.3 | 7.6 | 8.1 | 7.6 | 7.6 | 6.6 | 6.4 | 6.1 | 6.7 | 8.0 | 7.1 | 10.4 | 9.9 | 13.6 | 2012 | 7.3 | 7.6 | 8.0 | 7.6 | 7.5 | 6.7 | 6.5 | 6.2 | 6.7 | 7.8 | 7.0 | 9.5 | 8.9 | 10.2 | 7.0 | 2013 | 6.3 | 6.4 | 6.7 | 6.2 | 6.1 | 5.2 | 4.9 | 4.5 | 4.7 | 5.3 | 4.3 | 5.6 | 4.2 | 3.5 | -1.1 | -8.6 | 2014 | 6.1 | 6.2 | 6.5 | 6.0 | 5.9 | 5.0 | 4.7 | 4.4 | 4.6 | 5.1 | 4.2 | 5.3 | 4.1 | 3.6 | 0.4 | -2.7 | 3.6 | 2015 | 5.7 | 5.8 | 6.0 | 5.5 | 5.3 | 4.5 | 4.2 | 3.8 | 3.9 | 4.3 | 3.4 | 4.3 | 3.2 | 2.5 | 0.0 | -2.3 | 1.1 | -1.4 | 2016 | 5.6 | 5.7 | 5.9 | 5.5 | 5.3 | 4.5 | 4.3 | 3.9 | 4.0 | 4.4 | 3.6 | 4.4 | 3.4 | 2.9 | 0.9 | -0.6 | 2.3 | 1.6 | 4.7 | 2017 | 5.5 | 5.6 | 5.7 | 5.3 | 5.2 | 4.4 | 4.2 | 3.8 | 3.9 | 4.2 | 3.5 | 4.2 | 3.3 | 2.9 | 1.2 | 0.1 | 2.4 | 2.1 | 3.8 | 3.0 | 2018 | 5.1 | 5.2 | 5.4 | 4.9 | 4.8 | 4.1 | 3.8 | 3.5 | 3.5 | 3.8 | 3.1 | 3.6 | 2.8 | 2.4 | 0.9 | -0.1 | 1.7 | 1.2 | 2.1 | 0.8 | -1.3 | 2019 | 5.3 | 5.4 | 5.5 | 5.1 | 5.0 | 4.3 | 4.1 | 3.8 | 3.9 | 4.1 | 3.5 | 4.1 | 3.4 | 3.0 | 1.8 | 1.1 | 2.8 | 2.6 | 3.7 | 3.3 | 3.5 | 8.4 | 2020 | 5.5 | 5.6 | 5.8 | 5.4 | 5.3 | 4.7 | 4.5 | 4.2 | 4.3 | 4.6 | 4.1 | 4.6 | 4.0 | 3.8 | 2.8 | 2.3 | 3.9 | 4.0 | 5.1 | 5.2 | 5.9 | 9.7 | 11.0 | 2021 | 5.6 | 5.6 | 5.8 | 5.4 | 5.3 | 4.8 | 4.6 | 4.3 | 4.4 | 4.7 | 4.2 | 4.7 | 4.2 | 4.0 | 3.1 | 2.7 | 4.2 | 4.2 | 5.2 | 5.3 | 5.9 | 8.4 | 8.4 | 6.0 | 2022 | 4.8 | 4.8 | 4.9 | 4.6 | 4.4 | 3.9 | 3.6 | 3.4 | 3.4 | 3.6 | 3.1 | 3.4 | 2.9 | 2.6 | 1.6 | 1.1 | 2.3 | 2.1 | 2.6 | 2.3 | 2.1 | 3.0 | 1.2 | -3.4 | -11.8 |
|------|-----|------|-----|-----|------|-----|-----|------|------|-----|-----|------|-----|------|-----|-----|------|------|------|------|-----|-----|------|------|------|-----|------|-----|-----|------|------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|

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| 1998 | 2.3 | 1999 | 1.0 | -0.3 | 2000 | 3.7 | 4.5 | 9.5 | 2001 | 4.4 | 5.1 | 7.8 | 6.2 | 2002 | 6.2 | 7.2 | 9.8 | 10.0 | 13.9 | 2003 | 6.2 | 7.0 | 9.0 | 8.8 | 10.1 | 6.4 | 2004 | 6.1 | 6.7 | 8.2 | 7.8 | 8.4 | 5.7 | 5.0 | 2005 | 5.2 | 5.6 | 6.7 | 6.1 | 6.1 | 3.6 | 2.2 | -0.6 | 2006 | 4.4 | 4.6 | 5.4 | 4.7 | 4.4 | 2.2 | 0.8 | -1.3 | -2.0 | 2007 | 4.7 | 4.9 | 5.6 | 5.1 | 4.9 | 3.2 | 2.4 | 1.5 | 2.5 | 7.3 | 2008 | 4.0 | 4.2 | 4.7 | 4.1 | 3.8 | 2.2 | 1.4 | 0.5 | 0.8 | 2.3 | -2.4 | 2009 | 4.4 | 4.6 | 5.1 | 4.6 | 4.4 | 3.1 | 2.5 | 2.0 | 2.7 | 4.3 | 2.9 | 8.5 | 2010 | 4.4 | 4.6 | 5.0 | 4.6 | 4.4 | 3.3 | 2.8 | 2.5 | 3.1 | 4.4 | 3.5 | 6.6 | 4.7 | 2011 | 4.8 | 5.0 | 5.5 | 5.1 | 5.0 | 4.0 | 3.7 | 3.6 | 4.3 | 5.6 | 5.1 | 7.8 | 7.5 | 10.3 | 2012 | 4.8 | 5.0 | 5.4 | 5.1 | 5.0 | 4.1 | 3.9 | 3.8 | 4.4 | 5.5 | 5.1 | 7.1 | 6.7 | 7.7 | 5.1 | 2013 | 3.8 | 3.9 | 4.2 | 3.9 | 3.7 | 2.8 | 2.4 | 2.1 | 2.5 | 3.1 | 2.5 | 3.5 | 2.3 | 1.5 | -2.7 | -10.0 | 2014 | 3.8 | 3.9 | 4.2 | 3.8 | 3.6 | 2.8 | 2.5 | 2.2 | 2.5 | 3.1 | 2.5 | 3.4 | 2.4 | 1.8 | -0.9 | -3.8 | 2.9 | 2015 | 3.4 | 3.5 | 3.7 | 3.4 | 3.2 | 2.4 | 2.1 | 1.8 | 2.0 | 2.5 | 1.9 | 2.6 | 1.6 | 1.0 | -1.2 | -3.2 | 0.3 | -2.2 | 2016 | 3.4 | 3.5 | 3.7 | 3.3 | 3.1 | 2.4 | 2.1 | 1.9 | 2.1 | 2.5 | 2.0 | 2.6 | 1.7 | 1.3 | -0.5 | -1.8 | 1.1 | 0.2 | 2.6 | 2017 | 3.3 | 3.3 | 3.5 | 3.2 | 3.0 | 2.3 | 2.0 | 1.8 | 2.0 | 2.4 | 1.9 | 2.4 | 1.6 | 1.2 | -0.2 | -1.3 | 1.0 | 0.4 | 1.7 | 0.9 | 2018 | 3.0 | 3.0 | 3.2 | 2.8 | 2.6 | 2.0 | 1.7 | 1.4 | 1.6 | 1.9 | 1.4 | 1.8 | 1.1 | 0.7 | -0.7 | -1.6 | 0.2 | -0.5 | 0.1 | -1.1 | -3.1 | 2019 | 3.1 | 3.1 | 3.3 | 3.0 | 2.8 | 2.2 | 1.9 | 1.7 | 1.9 | 2.2 | 1.8 | 2.2 | 1.6 | 1.2 | 0.2 | -0.5 | 1.1 | 0.8 | 1.5 | 1.2 | 1.3 | 6.0 | 2020 | 3.4 | 3.4 | 3.6 | 3.3 | 3.1 | 2.6 | 2.4 | 2.2 | 2.4 | 2.7 | 2.4 | 2.8 | 2.3 | 2.0 | 1.2 | 0.7 | 2.3 | 2.2 | 3.1 | 3.2 | 4.0 | 7.7 | 9.5 | 2021 | 3.2 | 3.2 | 3.4 | 3.1 | 2.9 | 2.4 | 2.2 | 2.0 | 2.2 | 2.5 | 2.1 | 2.5 | 2.0 | 1.8 | 0.9 | 0.5 | 1.9 | 1.7 | 2.4 | 2.3 | 2.7 | 4.7 | 4.1 | -1.0 | 2022 | 2.3 | 2.3 | 2.4 | 2.1 | 1.9 | 1.3 | 1.1 | 0.8 | 0.9 | 1.1 | 0.7 | 0.9 | 0.4 | 0.0 | -0.9 | -1.4 | -0.5 | -0.9 | -0.7 | -1.2 | -1.6 | -1.2 | -3.5 | -9.5 | -17.2 |
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| 1926 | 12.9 | 1927 | 26.0 | 40.7 | 1928 | 32.1 | 43.0 | 45.3 | 1929 | 20.4 | 23.0 | 15.0 | -8.9 | 1930 | 11.0 | 10.5 | 2.0 | -14.5 | -19.8 | 1931 | 0.9 | -1.4 | -9.8 | -23.0 | -29.2 | -37.5 | 1932 | 1.1 | -0.8 | -7.5 | -17.3 | -20.0 | -20.1 | 2.3 | 1933 | 6.4 | 5.5 | 0.6 | -6.5 | -5.9 | -0.8 | 25.0 | 52.8 | 1934 | 5.3 | 4.4 | 0.1 | -5.9 | -5.3 | -1.3 | 14.9 | 21.8 | -2.9 | 1935 | 8.6 | 8.2 | 4.7 | -0.1 | 1.5 | 6.3 | 21.5 | 28.6 | 18.0 | 43.4 | 1936 | 10.6 | 10.4 | 7.4 | 3.4 | 5.3 | 10.2 | 23.5 | 29.5 | 22.5 | 37.6 | 32.0 | 1937 | 5.5 | 4.9 | 1.9 | -2.1 | -1.2 | 1.8 | 10.4 | 12.1 | 3.8 | 6.1 | -8.7 | -36.8 | 1938 | 7.6 | 7.1 | 4.5 | 1.1 | 2.3 | 5.5 | 13.6 | 15.7 | 9.4 | 12.7 | 4.0 | -7.7 | 34.9 | 1939 | 7.0 | 6.5 | 4.1 | 1.0 | 2.0 | 4.8 | 11.8 | 13.2 | 7.7 | 9.9 | 2.9 | -5.3 | 15.9 | -0.4 | 1940 | 5.7 | 5.2 | 2.9 | 0.0 | 0.8 | 3.2 | 9.1 | 9.9 | 4.9 | 6.2 | 0.1 | -6.6 | 6.4 | -5.6 | -10.4 | 1941 | 3.9 | 3.3 | 1.1 | -1.7 | -1.1 | 0.8 | 5.8 | 6.2 | 1.5 | 2.1 | -3.5 | -9.4 | -0.8 | -10.5 | -15.1 | -19.6 | 1942 | 4.3 | 3.8 | 1.7 | -0.9 | -0.2 | 1.6 | 6.2 | 6.6 | 2.4 | 3.1 | -1.6 | -6.3 | 1.3 | -5.7 | -7.4 | -5.8 | 10.4 | 1943 | 5.2 | 4.8 | 2.9 | 0.5 | 1.2 | 3.1 | 7.5 | 7.9 | 4.3 | 5.1 | 1.1 | -2.7 | 4.6 | -0.6 | -0.7 | 2.8 | 16.2 | 22.3 | 1944 | 5.8 | 5.4 | 3.7 | 1.5 | 2.2 | 4.0 | 8.2 | 8.7 | 5.4 | 6.2 | 2.7 | -0.4 | 6.3 | 2.1 | 2.6 | 6.2 | 16.5 | 19.6 | 1945 | 7.0 | 6.7 | 5.1 | 3.1 | 3.9 | 5.7 | 9.8 | 10.4 | 7.4 | 8.4 | 5.5 | 2.9 | 9.3 | 6.1 | 7.2 | 11.1 | 20.5 | 24.1 | 25.0 | 33.4 | 1946 | 5.4 | 5.1 | 3.5 | 1.5 | 2.2 | 3.7 | 7.3 | 7.7 | 4.8 | 5.5 | 2.6 | 0.0 | 5.3 | 2.1 | 7.4 | 4.7 | 10.4 | 10.4 | 6.7 | 1.9 | -22.2 | 1947 | 5.0 | 4.7 | 3.1 | 1.3 | 1.9 | 3.3 | 6.6 | 6.9 | 4.2 | 4.8 | 2.1 | -0.2 | 4.4 | 1.5 | 1.7 | 3.6 | 8.1 | 7.6 | 4.2 | 0.3 | -13.1 | -2.9 | 1948 | 4.9 | 4.6 | 3.1 | 1.4 | 1.9 | 3.3 | 6.4 | 6.6 | 4.1 | 4.6 | 2.1 | 0.0 | 4.2 | 1.6 | 1.8 | 3.5 | 7.2 | 6.7 | 3.9 | 0.8 | -8.2 | -0.3 | 2.4 | 1949 | 5.6 | 5.2 | 3.9 | 2.2 | 2.8 | 4.2 | 7.2 | 7.5 | 5.1 | 5.7 | 3.4 | 1.5 | 5.6 | 3.2 | 3.6 | 5.3 | 8.9 | 8.7 | 6.6 | 4.6 | -1.6 | 6.5 | 11.5 | 21.3 | 1950 | 6.2 | 6.0 | 4.7 | 3.1 | 3.8 | 5.1 | 8.0 | 8.3 | 6.2 | 6.8 | 4.7 | 3.0 | 6.9 | 4.9 | 5.3 | 7.1 | 10.5 | 10.5 | 9.0 | 7.7 | 3.2 | 10.7 | 15.6 | 22.8 | 24.4 | 1951 | 6.6 | 6.4 | 5.2 | 3.7 | 4.3 | 5.6 | 8.4 | 8.8 | 6.7 | 7.3 | 5.4 | 3.8 | 7.6 | 5.7 | 6.3 | 7.9 | 11.2 | 11.2 | 9.9 | 9.0 | 5.3 | 11.9 | 16.0 | 20.8 | 20.6 | 1952 | 7.0 | 6.8 | 5.6 | 4.2 | 4.9 | 6.1 | 8.9 | 9.2 | 7.3 | 7.9 | 6.1 | 4.6 | 8.2 | 6.5 | 7.1 | 8.7 | 11.7 | 11.9 | 10.7 | 10.0 | 7.0 | 12.8 | 16.3 | 20.0 | 19.6 | 17.2 | 17.5 | 1953 | 6.7 | 6.5 | 5.3 | 4.0 | 4.6 | 5.8 | 8.4 | 8.6 | 6.8 | 7.3 | 5.6 | 4.3 | 7.6 | 6.0 | 6.4 | 7.9 | 10.5 | 10.5 | 9.4 | 8.6 | 5.9 | 10.6 | 13.1 | 15.3 | 13.8 | 10.5 | 7.4 | -1.7 | 1954 | 8.1 | 7.9 | 6.8 | 5.6 | 6.2 | 7.5 | 10.0 | 10.4 | 8.7 | 9.3 | 7.7 | 6.5 | 9.9 | 8.5 | 9.1 | 10.6 | 13.4 | 13.6 | 12.9 | 12.5 | 10.3 | 15.3 | 18.1 | 21.0 | 20.9 | 20.0 | 21.1 | 22.9 | 53.8 | 1955 | 8.8 | 8.6 | 7.6 | 6.4 | 7.1 | 8.3 | 10.8 | 11.2 | 9.6 | 10.2 | 8.8 | 7.7 | 10.9 | 9.7 | 10.3 | 11.9 | 14.6 | 14.9 | 14.3 | 14.0 | 12.3 | 16.9 | 19.7 | 22.4 | 22.5 | 22.2 | 23.5 | 25.6 | 42.0 | 31.0 | 1956 | 8.6 | 8.4 | 7.5 | 6.3 | 6.9 | 8.1 | 10.5 | 10.9 | 9.3 | 9.9 | 8.5 | 7.5 | 10.5 | 9.3 | 9.9 | 11.3 | 13.8 | 14.0 | 13.4 | 13.1 | 11.4 | 15.5 | 17.8 | 19.8 | 19.6 | 18.8 | 19.2 | 19.6 | 27.8 | 16.4 | 3.5 | 1957 | 7.8 | 7.7 | 6.7 | 5.6 | 6.1 | 7.2 | 9.5 | 9.8 | 8.3 | 8.8 | 7.4 | 6.4 | 9.2 | 8.0 | 8.5 | 9.7 | 11.9 | 12.0 | 11.3 | 10.8 | 9.1 | 12.5 | 14.2 | 15.6 | 14.9 | 13.6 | 13.0 | 12.2 | 16.0 | 5.5 | -5.3 | -13.3 | 1958 | 8.7 | 8.6 | 7.7 | 6.6 | 7.2 | 8.3 | 10.5 | 10.8 | 9.4 | 10.0 | 8.7 | 7.8 | 10.5 | 9.4 | 10.0 | 11.2 | 13.4 | 13.6 | 13.0 | 12.7 | 11.3 | 14.7 | 16.4 | 17.9 | 17.5 | 16.7 | 16.7 | 16.5 | 20.6 | 13.4 | 8.1 | 10.5 | 40.9 | 1959 | 8.7 | 8.6 | 7.7 | 6.7 | 7.3 | 8.3 | 10.5 | 10.8 | 9.5 | 10.0 | 8.8 | 7.9 | 10.5 | 9.5 | 10.0 | 11.2 | 13.2 | 13.4 | 12.8 | 12.6 | 11.2 | 14.3 | 15.9 | 17.2 | 16.8 | 15.9 | 15.8 | 15.6 | 18.7 | 12.8 | 8.6 | 10.4 | 54.5 | 10.1 | 1960 | 8.0 | 8.3 | 7.5 | 6.5 | 7.0 | 8.0 | 10.1 | 10.4 | 9.1 | 9.5 | 8.4 | 7.5 | 10.0 | 9.0 | 9.4 | 10.5 | 12.4 | 12.5 | 12.0 | 11.7 | 10.4 | 13.1 | 14.5 | 15.5 | 15.0 | 14.1 | 13.8 | 13.4 | 15.7 | 10.4 | 6.6 | 7.4 | 15.4 | 4.5 | -0.9 | 1961 | 8.9 | 8.8 | 8.0 | 7.0 | 7.5 | 8.6 | 10.6 | 10.9 | 9.6 | 10.1 | 9.0 | 8.2 | 10.6 | 9.7 | 10.2 | 11.2 | 13.1 | 13.2 | 12.7 | 12.5 | 11.3 | 14.0 | 15.3 | 16.3 | 15.9 | 15.2 | 15.0 | 14.7 | 17.0 | 12.5 | 9.6 | 10.9 | 18.0 | 11.2 | 11.8 | 26.0 | 1962 | 8.3 | 8.2 | 7.4 | 6.5 | 7.0 | 7.9 | 9.9 | 10.1 | 8.9 | 9.3 | 8.2 | 7.4 | 9.7 | 8.8 | 9.2 | 10.2 | 11.8 | 11.9 | 11.4 | 11.1 | 9.9 | 12.3 | 13.4 | 14.2 | 13.7 | 12.8 | 12.5 | 12.0 | 13.6 | 9.4 | 6.6 | 7.1 | 11.8 | 5.5 | 4.0 | 6.5 | -9.9 | 1963 | 8.7 | 8.5 | 7.8 | 6.8 | 7.4 | 8.3 | 10.2 | 10.4 | 9.3 | 9.7 | 8.7 | 7.9 | 10.1 | 9.2 | 9.7 | 10.6 | 12.2 | 12.3 | 11.8 | 11.6 | 10.5 | 12.8 | 13.8 | 14.6 | 14.2 | 13.4 | 13.1 | 12.8 | 14.3 | 10.6 | 8.3 | 9.0 | 13.2 | 8.4 | 8.0 | 11.1 | 4.3 | 20.8 | 1964 | 8.8 | 8.7 | 8.0 | 7.1 | 7.6 | 8.5 | 10.3 | 10.6 | 9.4 | 9.9 | 8.9 | 8.1 | 10.3 | 9.5 | 9.9 | 10.8 | 12.4 | 12.5 | 12.0 | 11.8 | 10.7 | 12.9 | 13.9 | 14.7 | 14.3 | 13.6 | 13.3 | 13.0 | 14.4 | 11.1 | 9.1 | 9.8 | 13.5 | 9.5 | 9.4 | 12.2 | 7.9 | 18.1 | 15.4 | 1965 | 8.9 | 8.8 | 8.0 | 7.2 | 7.6 | 8.6 | 10.3 | 10.6 | 9.5 | 9.9 | 8.9 | 8.2 | 10.3 | 9.5 | 9.9 | 10.8 | 12.3 | 12.4 | 11.9 | 11.7 | 10.7 | 12.8 | 13.7 | 14.4 | 14.0 | 13.4 | 13.1 | 12.8 | 14.1 | 11.0 | 9.2 | 9.8 | 13.1 | 9.6 | 9.6 | 11.8 | 8.5 | 15.4 | 12.8 | 10.3 | 1966 | 8.3 | 8.2 | 7.4 | 6.6 | 7.0 | 7.9 | 9.6 | 9.8 | 8.7 | 9.1 | 8.1 | 7.4 | 9.4 | 8.6 | 8.9 | 9.8 | 11.1 | 11.2 | 10.7 | 10.4 | 9.4 | 11.3 | 12.1 | 12.7 | 12.2 | 11.5 | 11.1 | 10.7 | 11.7 | 8.8 | 6.9 | 7.3 | 9.9 | 6.5 | 6.0 | 7.2 | 3.8 | 7.5 | 3.4 | -2.1 | -13.1 | 1967 | 8.5 | 8.4 | 7.7 | 6.9 | 7.4 | 8.2 | 9.9 | 10.1 | 9.0 | 9.4 | 8.5 | 7.8 | 9.8 | 9.0 | 9.3 | 10.1 | 11.5 | 11.5 | 11.1 | 10.8 | 9.9 | 11.7 | 12.5 | 13.1 | 12.6 | 12.0 | 11.7 | 11.3 | 12.3 | 9.6 | 8.0 | 8.4 | 10.9 | 8.0 | 7.7 | 9.0 | 6.4 | 10.0 | 7.4 | 4.9 | 2.3 | 20.3 | 1968 | 8.5 | 8.4 | 7.7 | 6.9 | 7.3 | 8.2 | 9.8 | 10.0 | 9.0 | 9.3 | 8.4 | 7.8 | 9.6 | 8.9 | 9.2 | 10.0 | 11.3 | 11.3 | 10.9 | 10.6 | 9.7 | 11.5 | 12.2 | 12.7 | 12.3 | 11.7 | 11.3 | 11.0 | 11.9 | 9.4 | 7.9 | 8.2 | 10.4 | 7.8 | 7.5 | 8.6 | 6.3 | 9.3 | 7.2 | 5.2 | 3.5 | 13.0 | 6.1 | 1969 | 7.9 | 7.8 | 7.1 | 6.3 | 6.7 | 7.5 | 9.1 | 9.3 | 8.2 | 8.6 | 7.7 | 7.0 | 8.8 | 8.1 | 8.7 | 9.1 | 10.3 | 10.3 | 9.8 | 9.5 | 8.6 | 10.2 | 10.9 | 11.3 | 10.8 | 10.1 | 9.8 | 9.3 | 10.1 | 7.6 | 6.1 | 6.3 | 8.2 | 5.6 | 5.2 | 5.9 | 3.6 | 5.7 | 3.3 | 1.1 | -1.1 | 3.2 | -4.4 | -13.8 | 1970 | 7.7 | 7.6 | 6.9 | 6.1 | 6.5 | 7.3 | 8.8 | 9.0 | 8.0 | 8.3 | 7.4 | 6.8 | 8.5 | 7.8 | 8.0 | 8.7 | 9.8 | 9.8 | 9.4 | 9.1 | 8.2 | 9.7 | 10.3 | 10.7 | 10.2 | 9.5 | 9.1 | 8.7 | 9.4 | 7.0 | 5.6 | 5.8 | 7.4 | 5.0 | 4.5 | 5.1 | 3.0 | 4.7 | 2.6 | 0.7 | -1.2 | 2.0 | -3.4 | -7.9 | -1.5 | 1971 | 7.8 | 7.6 | 7.0 | 6.2 | 6.6 | 7.4 | 8.8 | 9.0 | 8.0 | 8.4 | 7.5 | 6.9 | 8.6 | 7.8 | 8.1 | 8.8 | 9.8 | 9.8 | 9.4 | 9.2 | 8.3 | 9.8 | 10.3 | 10.7 | 10.2 | 9.6 | 9.2 | 8.8 | 9.4 | 7.3 | 5.9 | 6.1 | 7.6 | 5.4 | 5.0 | 5.6 | 3.7 | 5.4 | 3.6 | 2.0 | 0.7 | 3.7 | -0.1 | -2.0 | 4.4 | 10.7 | 1972 | 7.9 | 7.8 | 7.2 | 6.4 | 6.8 | 7.5 | 9.0 | 9.2 | 8.2 | 8.5 | 7.7 | 7.1 | 8.7 | 8.0 | 8.3 | 9.0 | 10.0 | 9.6 | 9.4 | 8.6 | 10.0 | 10.5 | 10.9 | 10.4 | 9.8 | 9.5 | 9.1 | 9.7 | 7.7 | 6.4 | 6.6 | 8.1 | 6.1 | 5.8 | 6.4 | 4.7 | 6.3 | 4.8 | 3.6 | 2.6 | 5.5 | 2.8 | 2.0 | 7.9 | 12.9 | 15.1 | 1973 | 7.2 | 7.1 | 6.4 | 5.7 | 6.1 | 6.8 | 8.1 | 8.3 | 7.4 | 7.6 | 6.8 | 6.2 | 7.8 | 7.1 | 7.3 | 7.9 | 8.9 | 8.8 | 8.4 | 8.1 | 7.3 | 8.6 | 9.1 | 9.3 | 8.9 | 8.2 | 7.9 | 7.4 | 7.9 | 5.9 | 4.7 | 4.7 | 6.0 | 4.0 | 3.6 | 3.9 | 2.2 | 3.4 | 1.8 | 0.4 | -0.7 | 1.2 | -1.7 | -3.2 | -0.4 | 0.0 | -5.0 | -21.5 | 1974 | 6.1 | 6.0 | 5.4 | 4.6 | 4.9 | 5.6 | 6.9 | 7.0 | 6.1 | 6.3 | 5.5 | 4.9 | 6.3 | 5.6 | 5.8 | 6.3 | 7.2 | 7.1 | 6.7 | 6.3 | 5.5 | 6.6 | 7.0 | 7.2 | 6.7 | 6.0 | 5.5 | 6.0 | 5.4 | 3.4 | 2.1 | 2.0 | 3.0 | 1.0 | 0.4 | 0.5 | -1.2 | -0.4 | -2.2 | -3.8 | -5.2 | -4.2 | -7.3 | -9.3 | -8.4 | -10.1 | -16.1 | -28.3 | -34.5 | 1975 | 6.5 | 6.4 | 5.8 | 5.1 | 5.4 | 6.0 | 7.3 | 7.4 | 6.5 | 6.8 | 6.0 | 5.4 | 6.8 | 6.2 | 6.4 | 6.9 | 7.8 | 7.7 | 7.3 | 7.0 | 6.2 | 7.3 | 7.7 | 7.9 | 7.4 | 6.8 | 6.4 | 5.9 | 6.3 | 4.5 | 3.3 | 3.3 | 4.3 | 2.4 | 2.0 | 2.2 | 0.7 | 1.5 | 0.1 | -1.2 | -2.3 | -1.0 | -3.4 | -4.7 | -3.1 | -3.4 | -6.7 | -13.0 | -8.3 | 28.3 | 1976 | 6.7 | 6.6 | 6.0 | 5.3 | 5.7 | 6.3 | 7.6 | 7.7 | 6.8 | 7.0 | 6.3 | 5.7 | 7.1 | 6.5 | 6.7 | 7.2 | 8.1 | 8.0 | 7.6 | 7.3 | 6.6 | 7.7 | 8.1 | 8.3 | 7.8 | 7.2 | 6.8 | 6.4 | 6.8 | 5.0 | 3.9 | 4.0 | 5.0 | 3.3 | 2.9 | 3.1 | 1.7 | 2.6 | 1.3 | 0.3 | -0.6 | 0.7 | -1.2 | -2.1 | -0.3 | -0.1 | -2.2 | -6.1 | -0.3 | 23.1 | 18.1 | 1977 | 6.3 | 6.2 | 5.6 | 4.9 | 5.2 | 5.8 | 7.1 | 7.2 | 6.3 | 6.5 | 5.8 | 5.2 | 6.6 | 5.9 | 6.1 | 6.6 | 7.4 | 7.3 | 6.9 | 6.6 | 5.9 | 6.9 | 7.3 | 7.5 | 7.0 | 6.4 | 6.0 | 5.6 | 5.9 | 4.2 | 3.1 | 3.1 | 4.0 | 2.3 | 1.9 | 2.1 | 0.7 | 1.5 | 0.2 | -0.8 | -1.7 | -0.6 | -2.5 | -3.4 | -2.0 | -2.1 | -4.1 | -7.5 | -3.6 | 9.6 | 1.4 | -13.0 | 1978 | 6.2 | 6.0 | 5.4 | 4.8 | 5.1 | 5.7 | 6.9 | 7.0 | 6.1 | 6.3 | 5.6 | 5.0 | 6.3 | 5.7 | 5.9 | 6.3 | 7.1 | 7.0 | 6.6 | 6.4 | 5.6 | 6.6 | 7.0 | 7.1 | 6.7 | 6.1 | 5.7 | 5.3 | 5.5 | 3.9 | 2.9 | 2.8 | 3.7 | 2.1 | 1.7 | 1.8 | 0.6 | 1.3 | 0.1 | -0.9 | -1.8 | -0.7 | -2.5 | -3.3 | -2.0 | -2.1 | -3.8 | -6.6 | -3.3 | 6.5 | 0.1 | -7.8 | -2.2 | 1979 | 6.1 | 6.0 | 5.4 | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-------|-------|------|-----|------|------|-------|-------|-------|------|-----|------|------|-------|-------|-------|-----|------|-----|-----|-----|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|-----|------|-----|-----|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|-----|------|------|-----|------|------|-----|-----|------|-------|------|-----|-----|-----|-----|-----|-----|------|------|-----|------|-----|------|------|------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-------|------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|------|------|------|-------|-------|-------|------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|------|------|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|------|-------|------|-----|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|-----|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|-----|-----|------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-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Dimensional Core Market Wealth Index Models

WEIGHTS (%)







The Dimensional Wealth Index Models represent Dimensional's research-driven, systematic approach to asset allocation. The Core Market Wealth Index Models are constructed using mostly Dimensional indices, which are designed to have a systematic emphasis on the reliable drivers of higher expected returns within equities and fixed income. The models may inform expectations about the performance of different asset allocations over time and about return deviations vs. the market.

| |  |  |  |  |  |  |
|---|---|---|--|---|---|---|
| EQUITY | 0% | 20% | 40% | 60% | 80% | 100% |
| Dimensional US Core Equity Market Index | 0.0 | 13.8 | 27.6 | 41.4 | 55.2 | 69.0 |
| Dimensional International Core Equity Market Index | 0.0 | 3.8 | 7.6 | 11.4 | 15.2 | 19.0 |
| Dimensional Emerging Markets Core Equity Market Index | 0.0 | 1.8 | 3.6 | 5.4 | 7.2 | 9.0 |
| S&P Global REIT Index | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 |
| FIXED INCOME | 100% | 80% | 60% | 40% | 20% | 0% |
| Bloomberg US TIPS Index | 20.0 | 10.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dimensional Short-Term Extended Quality Index | 80.0 | 60.0 | 40.0 | 25.0 | 10.0 | 0.0 |
| Dimensional US Core Fixed Income Index | 0.0 | 10.0 | 20.0 | 15.0 | 10.0 | 0.0 |

Dimensional Core Market Wealth Index Models

SUMMARY STATISTICS

As of December 31, 2022

| |  |  |  |  |  |  |
|--|---|---|---|---|---|---|
| EQUITY | 0% | 20% | 40% | 60% | 80% | 100% |
| FIXED INCOME | 100% | 80% | 60% | 40% | 20% | 0% |
| 1-Year Total Return (%) | -6.03 | -8.25 | -10.54 | -12.72 | -14.96 | -16.96 |
| 3-Year Total Return (%) | 0.04 | 1.17 | 2.17 | 3.41 | 4.51 | 5.55 |
| 5-Year Total Return (%) | 1.29 | 2.45 | 3.50 | 4.60 | 5.59 | 6.48 |
| 10-Year Total Return (%) | 1.23 | 3.04 | 4.80 | 6.49 | 8.12 | 9.68 |
| 15-Year Total Return (%) | 2.53 | 3.57 | 4.51 | 5.36 | 6.10 | 6.70 |
| 20-Year Total Return (%) | 2.97 | 4.42 | 5.79 | 7.12 | 8.37 | 9.51 |
| Annualized Return (%) 1985-2022 | 5.48 | 6.63 | 7.70 | 8.66 | 9.52 | 10.24 |
| Annualized Standard Deviation (%) 1985-2022 | 2.89 | 4.16 | 6.63 | 9.40 | 12.26 | 15.15 |
| Lowest 1-Year Return (%) | -7.25 (10/21-09/22) | -11.96 (03/08-02/09) | -21.48 (03/08-02/09) | -30.69 (03/08-02/09) | -39.05 (03/08-02/09) | -46.59 (03/08-02/09) |
| Lowest Annualized 3-Year Return (%) | -0.23 (11/19-10/22) | 0.48 (03/06-02/09) | -3.26 (03/06-02/09) | -7.12 (03/06-02/09) | -10.96 (03/06-02/09) | -14.78 (03/06-02/09) |
| Highest 1-Year Return (%) | 19.99 (04/85-03/86) | 26.02 (04/85-03/86) | 32.36 (05/85-04/86) | 39.74 (03/09-02/10) | 50.53 (03/09-02/10) | 61.91 (03/09-02/10) |
| Highest Annualized 3-Year Return (%) | 11.90 (03/85-02/88) | 15.51 (03/85-02/88) | 19.08 (03/85-02/88) | 22.35 (03/85-02/88) | 25.79 (05/85-04/88) | 29.23 (05/85-04/88) |
| Growth of \$1 1985-2022 | 7.58 | 11.47 | 16.77 | 23.44 | 31.64 | 40.57 |

Weights as of December 31, 2022. Rebalanced monthly. Totals may not equal 100% due to rounding. For illustrative purposes only. The Wealth Index Models are unmanaged and are not subject to fees and expenses typically associated with managed accounts or investment funds. Indices are not available for direct investment. Past performance is no guarantee of future results.







The Dimensional indices used in the construction of the Wealth Index Models represent academic concepts that may be used in portfolio construction. The Wealth Index Models and the indices are not available for direct investment or for use as a benchmark. Their performance does not reflect the expenses associated with the management of an actual portfolio. The Wealth Index Model and index returns are not representative of actual portfolios and do not reflect costs and fees associated with an actual investment. See "Sources and Descriptions of Data" for additional information, including descriptions of the Dimensional index data.

Assumes index models have been rebalanced monthly. Highest and lowest one-year and three-year returns are calculated from periods overlapping monthly. Annualized standard deviation is calculated from monthly data. All performance results of the Wealth Index Models are based on performance of indices with model/backtested asset allocations; the performance was achieved with the benefit of hindsight; it does not represent actual investment strategies. The Wealth Index Model's performance does not reflect advisory fees or other expenses associated with the management of an actual portfolio. There are limitations inherent in model allocations. In particular, model performance may not reflect the impact that economic and market factors may have had on the advisor's decision-making if the advisor were actually managing client money. Past performance is no guarantee of future results.

Dimensional Core Wealth Index Models

WEIGHTS (%)

The Dimensional Wealth Index Models represent Dimensional's research-driven, systematic approach to asset allocation. The Core Wealth Index Models are constructed using mostly Dimensional indices and are designed to have a stronger emphasis on securities with higher expected returns than the Core Market Wealth Index Models. The models may inform expectations about the performance of different asset allocations over time and about return deviations vs. the market.

| |  |  |  |  |  |  |
|--|---|---|--|---|---|---|
| EQUITY | 0% | 20% | 40% | 60% | 80% | 100% |
| Dimensional US Adjusted Market 1 Index | 0.0 | 6.9 | 13.8 | 20.7 | 27.6 | 34.5 |
| Dimensional US Adjusted Market 2 Index | 0.0 | 6.9 | 13.8 | 20.7 | 27.6 | 34.5 |
| Dimensional International Adjusted Market Index | 0.0 | 3.8 | 7.6 | 11.4 | 15.2 | 19.0 |
| Dimensional Emerging Markets Adjusted Market Index | 0.0 | 1.8 | 3.6 | 5.4 | 7.2 | 9.0 |
| S&P Global REIT Index | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 |
| FIXED INCOME | 100% | 80% | 60% | 40% | 20% | 0% |
| Dimensional Short-Duration Real Return Index | 40.0 | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dimensional Global Short-Term Government Index (Hedged to USD) | 40.0 | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dimensional Short-Term Extended Quality Index | 20.0 | 20.0 | 20.0 | 0.0 | 0.0 | 0.0 |
| Dimensional Global Short-Term Government Variable Maturity Index (Hedged to USD) | 0.0 | 10.0 | 20.0 | 0.0 | 0.0 | 0.0 |
| Dimensional US Adjusted Investment Grade Index | 0.0 | 10.0 | 20.0 | 40.0 | 10.0 | 0.0 |
| Dimensional Global Adjusted Fixed Income Market Index (Hedged to USD) | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 | 0.0 |







Weights as of December 31, 2022. Rebalanced monthly. Totals may not equal 100% due to rounding. For illustrative purposes only. The Wealth Index Models are unmanaged and are not subject to fees and expenses typically associated with managed accounts or investment funds. Indices are not available for direct investment. **Past performance is no guarantee of future results.**

The Dimensional indices used in the construction of the Wealth Index Models represent academic concepts that may be used in portfolio construction. The Wealth Index Models and the indices are not available for direct investment or for use as a benchmark. Their performance does not reflect the expenses associated with the management of an actual portfolio. The Wealth Index Model and index returns are not representative of actual portfolios and do not reflect costs and fees associated with an actual investment. See "Sources and Descriptions of Data" for additional information, including descriptions of the Dimensional index data.

Dimensional Core Wealth Index Models

SUMMARY STATISTICS

As of December 31, 2022







| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| EQUITY | 0% | 20% | 40% | 60% | 80% | 100% |
| FIXED INCOME | 100% | 80% | 60% | 40% | 20% | 0% |
| 1-Year Total Return (%) | -2.36 | -6.25 | -10.15 | -13.11 | -14.48 | -15.03 |
| 3-Year Total Return (%) | 1.17 | 1.68 | 2.02 | 3.26 | 4.54 | 5.98 |
| 5-Year Total Return (%) | 1.88 | 2.61 | 3.23 | 4.48 | 5.47 | 6.36 |
| 10-Year Total Return (%) | 1.38 | 3.09 | 4.75 | 6.60 | 8.36 | 9.74 |
| 15-Year Total Return (%) | 2.06 | 3.42 | 4.69 | 5.82 | 6.58 | 7.00 |
| 20-Year Total Return (%) | 2.52 | 4.32 | 6.06 | 7.71 | 9.04 | 10.05 |
| Annualized Return (%) 1985-2022 | 4.91 | 6.56 | 8.06 | 9.33 | 10.19 | 10.86 |
| Annualized Standard Deviation (%) 1985-2022 | 1.92 | 3.90 | 6.61 | 9.63 | 12.54 | 15.32 |
| Lowest 1-Year Return (%) | -3.14 <small>(10/21-09/22)</small> | -11.46 <small>(03/08-02/09)</small> | -20.76 <small>(03/08-02/09)</small> | -31.32 <small>(03/08-02/09)</small> | -40.22 <small>(03/08-02/09)</small> | -47.42 <small>(03/08-02/09)</small> |
| Lowest Annualized 3-Year Return (%) | 0.32 <small>(01/13-12/15)</small> | 0.41 <small>(03/06-02/09)</small> | -3.03 <small>(03/06-02/09)</small> | -7.41 <small>(03/06-02/09)</small> | -11.85 <small>(03/06-02/09)</small> | -15.50 <small>(03/06-02/09)</small> |
| Highest 1-Year Return (%) | 14.73 <small>(04/85-03/86)</small> | 24.75 <small>(04/85-03/86)</small> | 33.90 <small>(05/85-04/86)</small> | 43.01 <small>(03/09-02/10)</small> | 56.09 <small>(03/09-02/10)</small> | 67.37 <small>(03/09-02/10)</small> |
| Highest Annualized 3-Year Return (%) | 10.86 <small>(01/89-12/91)</small> | 15.26 <small>(03/85-02/88)</small> | 19.66 <small>(03/85-02/88)</small> | 23.47 <small>(03/85-02/88)</small> | 26.60 <small>(05/85-04/88)</small> | 29.87 <small>(05/85-04/88)</small> |
| Growth of \$1 1985-2022 | 6.17 | 11.20 | 19.01 | 29.69 | 40.01 | 50.34 |

Assumes index models have been rebalanced monthly. Highest and lowest one-year and three-year returns are calculated from periods overlapping monthly. Annualized standard deviation is calculated from monthly data. **All performance results of the Wealth Index Models are based on performance of indices with model/backtested asset allocations; the performance was achieved with the benefit of hindsight; it does not represent actual investment strategies. The Wealth Index Model's performance does not reflect advisory fees or other expenses associated with the management of an actual portfolio. There are limitations inherent in model allocations. In particular, model performance may not reflect the impact that economic and market factors may have had on the advisor's decision-making if the advisor were actually managing client money. Past performance is no guarantee of future results.**

Dimensional Core Plus Wealth Index Models

WEIGHTS (%)

The Dimensional Wealth Index Models represent Dimensional's research-driven, systematic approach to asset allocation. The Core Plus Wealth Index Models are constructed using mostly Dimensional indices and are designed to have a stronger emphasis on securities with higher expected returns than the Core Wealth Index Models. The models may inform expectations about the performance of different asset allocations over time and about return deviations vs. the market.

| |  |  |  |  |  |  |
|--|---|---|--|---|---|---|
| EQUITY | 0% | 20% | 40% | 60% | 80% | 100% |
| Dimensional US Adjusted Market 2 Index | 0.0 | 9.2 | 18.4 | 27.6 | 36.8 | 46.0 |
| Dimensional US Large Cap High Profitability Index | 0.0 | 2.3 | 4.6 | 6.9 | 9.2 | 11.5 |
| Dimensional US Adjusted Market Value Index | 0.0 | 2.3 | 4.6 | 6.9 | 9.2 | 11.5 |
| Dimensional International Adjusted Market Index | 0.0 | 2.3 | 4.6 | 6.8 | 9.1 | 11.4 |
| Dimensional International Large Cap High Profitability Index | 0.0 | 0.8 | 1.5 | 2.3 | 3.0 | 3.8 |
| Dimensional International Vector Index | 0.0 | 0.8 | 1.5 | 2.3 | 3.0 | 3.8 |
| Dimensional Emerging Markets Adjusted Market Index | 0.0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 |
| Dimensional Emerging Markets Value Index | 0.0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 |
| S&P Global REIT Index | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 |
| FIXED INCOME | 100% | 80% | 60% | 40% | 20% | 0% |
| Dimensional Short-Duration Real Return Index | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dimensional Global Short-Term Government Index (Hedged to USD) | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dimensional Global Government/Credit 1-3 Year Unhedged Index | 40.0 | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dimensional Global Short-Term Government Variable Maturity Index (Hedged to USD) | 20.0 | 20.0 | 20.0 | 0.0 | 0.0 | 0.0 |
| Dimensional Targeted Credit Index (Hedged to USD) | 0.0 | 10.0 | 20.0 | 0.0 | 0.0 | 0.0 |
| Dimensional US Adjusted Investment Grade Index | 0.0 | 20.0 | 20.0 | 20.0 | 0.0 | 0.0 |
| Dimensional Global Adjusted Fixed Income Market Index (Hedged to USD) | 0.0 | 0.0 | 0.0 | 20.0 | 20.0 | 0.0 |







Weights as of December 31, 2022. Rebalanced monthly. Totals may not equal 100% due to rounding. For illustrative purposes only. The Wealth Index Models are unmanaged and are not subject to fees and expenses typically associated with managed accounts or investment funds. Indices are not available for direct investment. **Past performance is no guarantee of future results.**

The Dimensional indices used in the construction of the Wealth Index Models represent academic concepts that may be used in portfolio construction. The Wealth Index Models and the indices are not available for direct investment or for use as a benchmark. Their performance does not reflect the expenses associated with the management of an actual portfolio. The Wealth Index Model and index returns are not representative of actual portfolios and do not reflect costs and fees associated with an actual investment. See "Sources and Descriptions of Data" for additional information, including descriptions of the Dimensional index data.

Dimensional Core Plus Wealth Index Models

SUMMARY STATISTICS

As of December 31, 2022

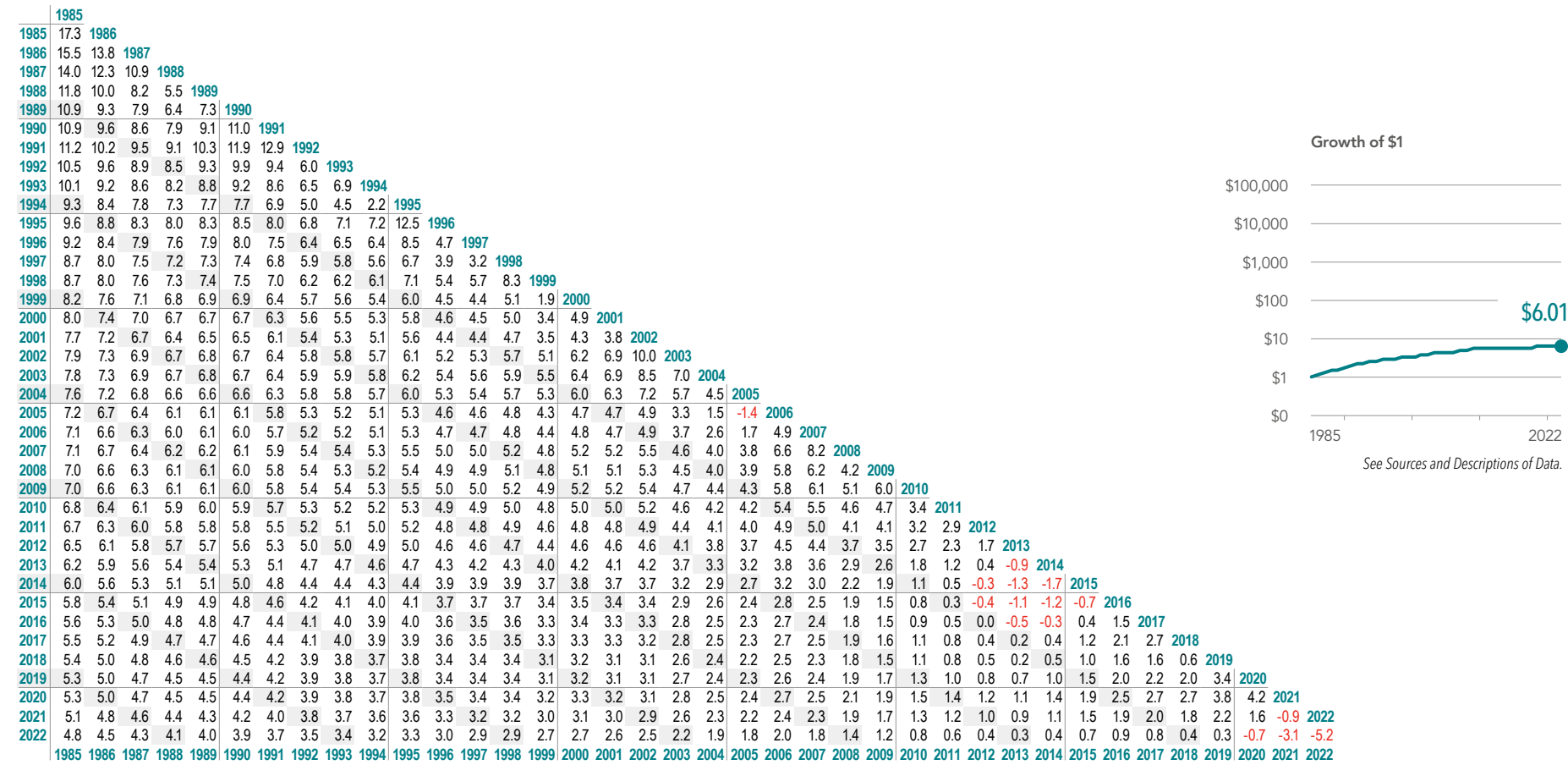
| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| EQUITY | 0% | 20% | 40% | 60% | 80% | 100% |
| FIXED INCOME | 100% | 80% | 60% | 40% | 20% | 0% |
| 1-Year Total Return (%) | -5.15 | -9.12 | -10.19 | -13.26 | -13.95 | -13.80 |
| 3-Year Total Return (%) | -0.70 | 0.08 | 2.14 | 3.35 | 4.86 | 6.55 |
| 5-Year Total Return (%) | 0.36 | 1.49 | 3.39 | 4.68 | 5.73 | 6.69 |
| 10-Year Total Return (%) | 0.27 | 2.41 | 5.02 | 7.00 | 8.62 | 9.86 |
| 15-Year Total Return (%) | 1.39 | 3.24 | 5.09 | 6.19 | 6.87 | 7.22 |
| 20-Year Total Return (%) | 2.18 | 4.35 | 6.41 | 8.05 | 9.29 | 10.23 |
| Annualized Return (%) 1985-2022 | 4.83 | 6.65 | 8.24 | 9.52 | 10.35 | 11.00 |
| Annualized Standard Deviation (%) 1985-2022 | 2.83 | 4.54 | 6.84 | 9.91 | 12.73 | 15.41 |
| Lowest 1-Year Return (%) | -7.77 <small>(10/21-09/22)</small> | -12.46 <small>(10/21-09/22)</small> | -21.40 <small>(03/08-02/09)</small> | -32.05 <small>(03/08-02/09)</small> | -40.38 <small>(03/08-02/09)</small> | -47.13 <small>(03/08-02/09)</small> |
| Lowest Annualized 3-Year Return (%) | -1.25 <small>(11/19-10/22)</small> | -0.57 <small>(10/19-09/22)</small> | -3.40 <small>(03/06-02/09)</small> | -7.97 <small>(03/06-02/09)</small> | -11.95 <small>(03/06-02/09)</small> | -15.17 <small>(03/06-02/09)</small> |
| Highest 1-Year Return (%) | 21.19 <small>(05/85-04/86)</small> | 29.11 <small>(05/85-04/86)</small> | 33.31 <small>(05/85-04/86)</small> | 46.27 <small>(03/09-02/10)</small> | 58.64 <small>(03/09-02/10)</small> | 69.05 <small>(03/09-02/10)</small> |
| Highest Annualized 3-Year Return (%) | 14.41 <small>(03/85-02/88)</small> | 17.73 <small>(03/85-02/88)</small> | 19.30 <small>(03/85-02/88)</small> | 23.15 <small>(03/85-02/88)</small> | 26.25 <small>(05/85-04/88)</small> | 29.40 <small>(05/85-04/88)</small> |
| Growth of \$1 1985-2022 | 6.01 | 11.55 | 20.24 | 31.67 | 42.26 | 52.81 |

Assumes index models have been rebalanced monthly. Highest and lowest one-year and three-year returns are calculated from periods overlapping monthly. Annualized standard deviation is calculated from monthly data. **All performance results of the Wealth Index Models are based on performance of indices with model/backtested asset allocations; the performance was achieved with the benefit of hindsight; it does not represent actual investment strategies. The Wealth Index Model's performance does not reflect advisory fees or other expenses associated with the management of an actual portfolio. There are limitations inherent in model allocations. In particular, model performance may not reflect the impact that economic and market factors may have had on the advisor's decision-making if the advisor were actually managing client money. Past performance is no guarantee of future results.**

Dimensional Core Plus Wealth Index Model

100% Fixed Income

1985–2022



Dimensional Core Plus Wealth Index Model

40% Equity, 60% Fixed Income

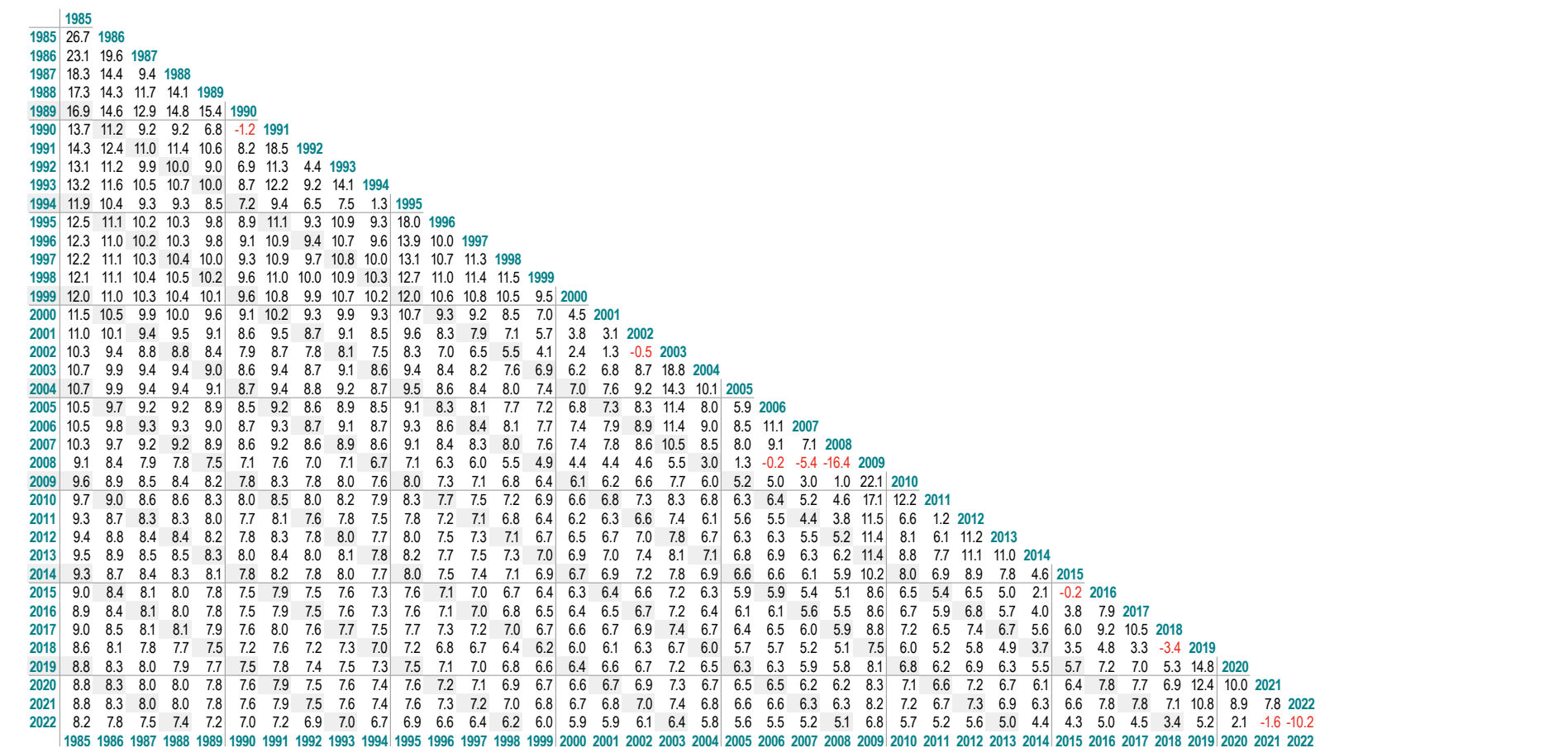
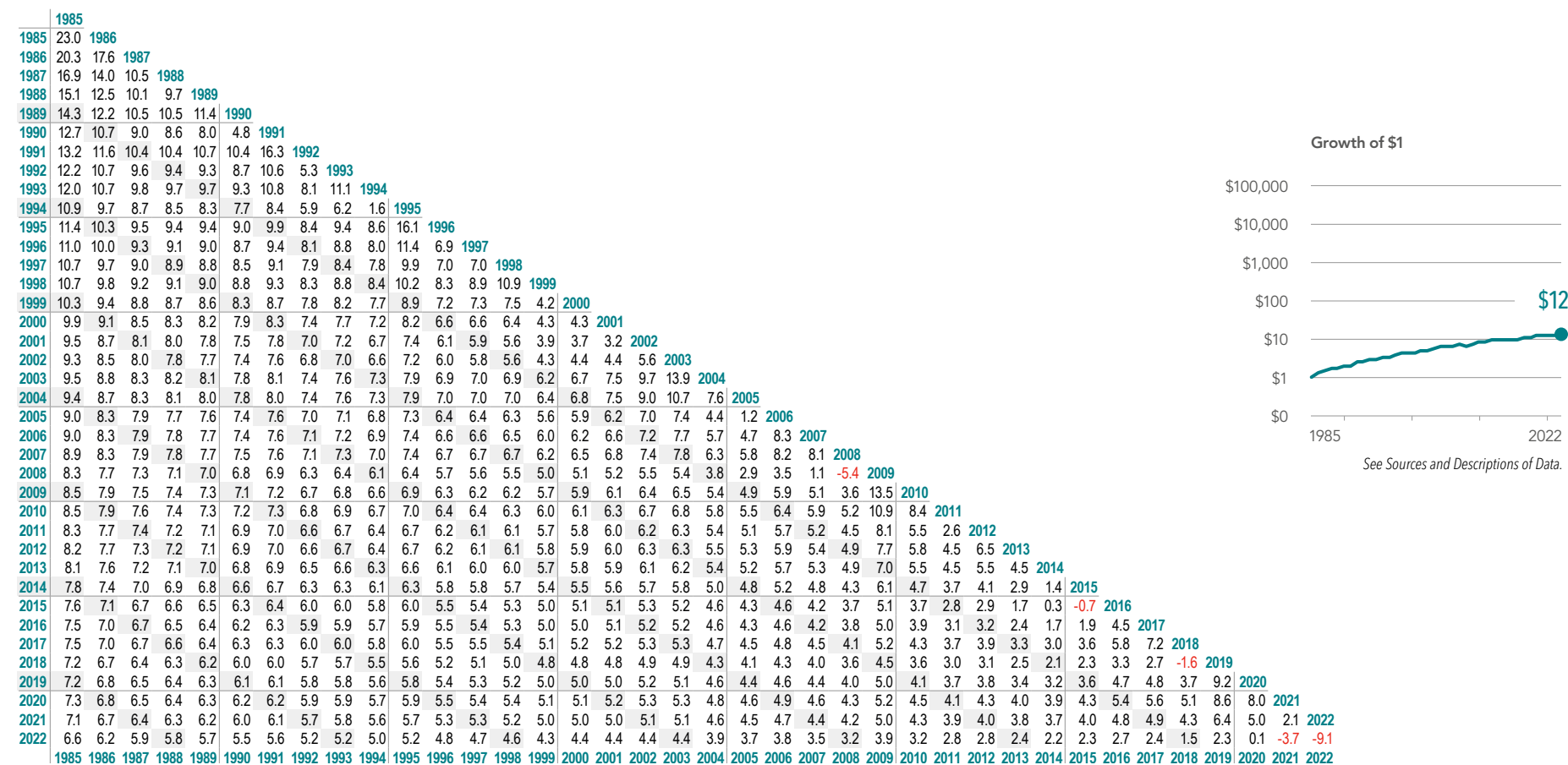
1985–2022



Dimensional Core Plus Wealth Index Model

20% Equity, 80% Fixed Income

1985–2022

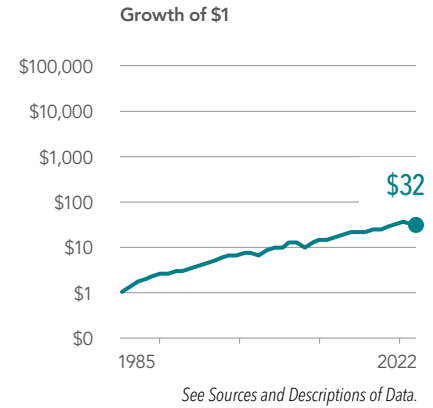


Dimensional Core Plus Wealth Index Model

60% Equity, 40% Fixed Income

1985–2022

| Year | Value | Year | Value |
|------|-------|------|-------|
| 1985 | 32.5 | 1986 | 28.1 |
| 1987 | 22.0 | 1988 | 21.0 |
| 1989 | 20.5 | 1990 | 15.4 |
| 1991 | 16.1 | 1992 | 14.4 |
| 1993 | 14.7 | 1994 | 13.4 |
| 1995 | 14.0 | 1996 | 13.8 |
| 1997 | 13.8 | 1998 | 13.7 |
| 1999 | 13.6 | 2000 | 12.9 |
| 2001 | 12.2 | 2002 | 11.2 |
| 2003 | 11.9 | 2004 | 12.0 |
| 2005 | 11.8 | 2006 | 12.0 |
| 2007 | 11.7 | 2008 | 9.9 |
| 2009 | 10.6 | 2010 | 10.7 |
| 2011 | 10.3 | 2012 | 10.4 |
| 2013 | 10.6 | 2014 | 10.5 |
| 2015 | 10.1 | 2016 | 10.1 |
| 2017 | 10.3 | 2018 | 9.8 |
| 2019 | 10.1 | 2020 | 10.1 |
| 2021 | 10.2 | 2022 | 9.5 |



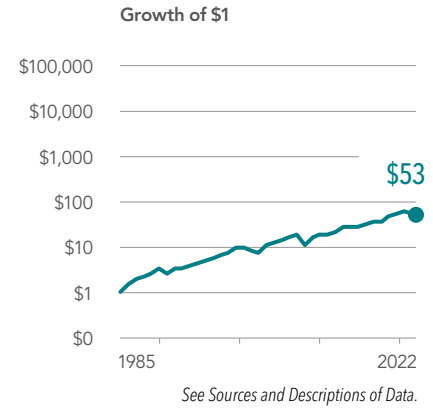
See Sources and Descriptions of Data.

Dimensional Core Plus Wealth Index Model

100% Equity

1985–2022

| Year | Value | Year | Value |
|------|-------|------|-------|
| 1985 | 39.7 | 1986 | 34.6 |
| 1987 | 27.4 | 1988 | 26.8 |
| 1989 | 25.7 | 1990 | 17.4 |
| 1991 | 18.2 | 1992 | 15.7 |
| 1993 | 16.4 | 1994 | 15.3 |
| 1995 | 15.8 | 1996 | 15.8 |
| 1997 | 15.8 | 1998 | 15.7 |
| 1999 | 15.7 | 2000 | 14.9 |
| 2001 | 13.8 | 2002 | 11.9 |
| 2003 | 11.2 | 2004 | 12.6 |
| 2005 | 13.5 | 2006 | 13.0 |
| 2007 | 13.5 | 2008 | 10.6 |
| 2009 | 11.6 | 2010 | 11.9 |
| 2011 | 11.2 | 2012 | 11.4 |
| 2013 | 12.0 | 2014 | 11.2 |
| 2015 | 11.0 | 2016 | 11.0 |
| 2017 | 11.0 | 2018 | 10.5 |
| 2019 | 11.0 | 2020 | 11.0 |
| 2021 | 11.1 | 2022 | 11.0 |



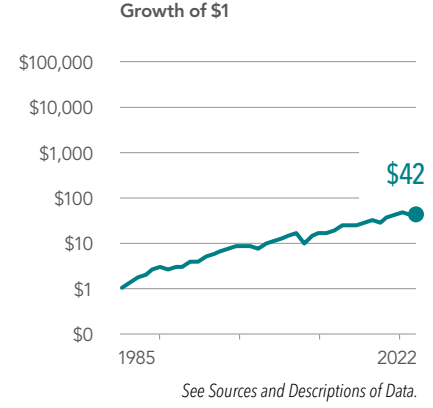
See Sources and Descriptions of Data.

Dimensional Core Plus Wealth Index Model

80% Equity, 20% Fixed Income

1985–2022

| Year | Value | Year | Value |
|------|-------|------|-------|
| 1985 | 36.0 | 1986 | 31.4 |
| 1987 | 24.8 | 1988 | 23.9 |
| 1989 | 23.2 | 1990 | 16.5 |
| 1991 | 17.2 | 1992 | 15.1 |
| 1993 | 15.6 | 1994 | 14.3 |
| 1995 | 14.9 | 1996 | 14.8 |
| 1997 | 14.8 | 1998 | 14.8 |
| 1999 | 14.9 | 2000 | 13.9 |
| 2001 | 12.9 | 2002 | 11.5 |
| 2003 | 12.6 | 2004 | 12.8 |
| 2005 | 12.7 | 2006 | 13.0 |
| 2007 | 12.7 | 2008 | 10.2 |
| 2009 | 11.1 | 2010 | 11.4 |
| 2011 | 11.0 | 2012 | 11.0 |
| 2013 | 11.4 | 2014 | 11.0 |
| 2015 | 10.8 | 2016 | 10.8 |
| 2017 | 11.1 | 2018 | 10.5 |
| 2019 | 10.9 | 2020 | 10.9 |
| 2021 | 11.1 | 2022 | 10.4 |



See Sources and Descriptions of Data.

| Year | Value | Year | Value |
|------|-------|------|-------|
| 1985 | 39.7 | 1986 | 34.6 |
| 1987 | 27.4 | 1988 | 26.8 |
| 1989 | 25.7 | 1990 | 17.4 |
| 1991 | 18.2 | 1992 | 15.7 |
| 1993 | 16.4 | 1994 | 15.3 |
| 1995 | 15.8 | 1996 | 15.8 |
| 1997 | 15.8 | 1998 | 15.7 |
| 1999 | 15.7 | 2000 | 14.9 |
| 2001 | 13.8 | 2002 | 11.9 |
| 2003 | 11.2 | 2004 | 12.6 |
| 2005 | 13.5 | 2006 | 13.0 |
| 2007 | 13.5 | 2008 | 10.6 |
| 2009 | 11.6 | 2010 | 11.9 |
| 2011 | 11.2 | 2012 | 11.4 |
| 2013 | 12.0 | 2014 | 11.2 |
| 2015 | 11.0 | 2016 | 11.0 |
| 2017 | 11.0 | 2018 | 10.5 |
| 2019 | 11.0 | 2020 | 11.0 |
| 2021 | 11.1 | 2022 | 11.0 |



See Sources and Descriptions of Data.

World Equity Market Capitalization

As of December 31, 2022

WHERE DIMENSIONAL INVESTS: ■ DEVELOPED MARKETS ■ EMERGING MARKETS ■ OTHER



How do we measure the world? Thinking only in terms of landmass can distort investment decisions. Directly comparing the markets of nations produces some surprising results.

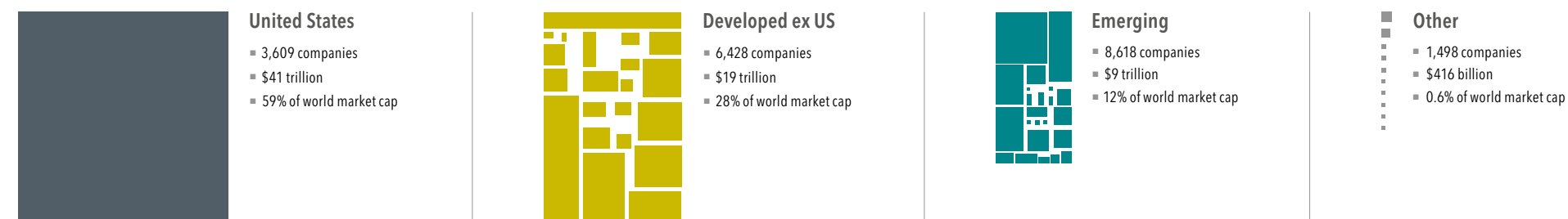
Measures such as population, gross domestic product, or exports do not directly indicate the size or suitability of investments in a market. This cartogram illustrates the balance of equity investment opportunities around

the world. The size of each country has been adjusted to reflect its total relative capitalization. Of course, the world is in motion—there is no fixed relationship between markets, and their proportions can change

over time. Viewing the world this way brings the scope of diversification into new light and helps clarify allocation decisions.



BY ASSET CLASS



BY COUNTRY

| Country | \$ Billions | Companies | Country | \$ Billions | Companies | Country | \$ Billions | Companies | Country | \$ Billions | Companies | Country | \$ Billions | Companies |
|----------------|-------------|-----------|--------------|-------------|-----------|-------------|-------------|-----------|------------|-------------|-----------|---------------------|-------------|-----------|
| United States | 40,752 | 3,609 | Hong Kong | 513 | 226 | Belgium | 185 | 70 | Mauritius | 36 | 34 | Bahrain | 10 | 27 |
| Japan | 4,098 | 2,459 | Denmark | 474 | 65 | Mexico | 169 | 61 | Greece | 30 | 45 | Czech Republic | 9 | 5 |
| United Kingdom | 2,624 | 595 | Brazil | 415 | 234 | Malaysia | 167 | 287 | Nigeria | 22 | 47 | Pakistan | 9 | 108 |
| China | 2,527 | 2,119 | Italy | 413 | 150 | Ireland | 139 | 25 | Argentina | 19 | 54 | Oman | 9 | 52 |
| Canada | 2,057 | 539 | Spain | 400 | 86 | Turkey | 110 | 360 | Peru | 18 | 6 | Jordan | 8 | 38 |
| France | 1,807 | 235 | Saudi Arabia | 308 | 253 | Kuwait | 84 | 106 | Morocco | 16 | 55 | Slovenia | 8 | 30 |
| Switzerland | 1,551 | 162 | Singapore | 300 | 128 | Qatar | 72 | 36 | Bangladesh | 16 | 118 | Panama | 7 | 12 |
| India | 1,438 | 1,242 | UAE | 288 | 62 | New Zealand | 70 | 45 | Kazakhstan | 15 | 16 | Croatia | 6 | 40 |
| Australia | 1,427 | 502 | South Africa | 278 | 108 | Philippines | 66 | 56 | Colombia | 14 | 11 | Bulgaria | 6 | 45 |
| Germany | 1,328 | 255 | Thailand | 210 | 359 | Lebanon | 65 | 347 | Hungary | 13 | 7 | Kenya | 6 | 18 |
| Taiwan | 1,129 | 1,226 | Finland | 197 | 84 | Poland | 64 | 87 | Lebanon | 13 | 10 | Jamaica | 6 | 32 |
| Korea | 1,029 | 1,731 | Indonesia | 194 | 222 | Austria | 53 | 34 | Egypt | 13 | 63 | Trinidad and Tobago | 5 | 15 |
| Netherlands | 662 | 73 | Israel | 188 | 229 | Chile | 48 | 38 | Romania | 12 | 37 | Luxembourg | 3 | 16 |
| Sweden | 635 | 303 | Norway | 186 | 147 | Portugal | 38 | 16 | Iceland | 11 | 27 | Serbia | 3 | 10 |
| | | | | | | | | | | | | | | |

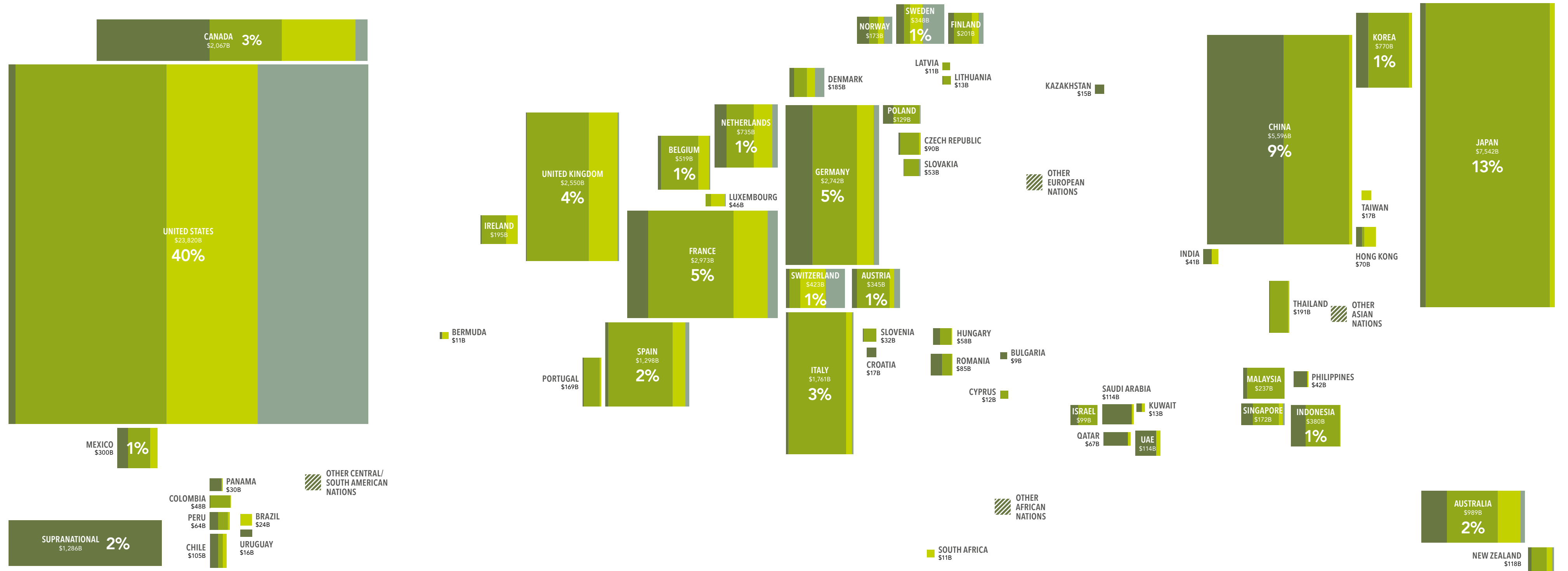
1. An example large cap stock provided for comparison.

In USD. Market cap data is free-float adjusted and meets minimum liquidity and listing requirements. Dimensional makes case-by-case determinations about the suitability of investing in each emerging market, making considerations that include local market accessibility, government stability, and property rights before making investments. China A-shares that are available for foreign investors through the Hong Kong Stock Connect program are included in China. 30% foreign ownership limit and 25% inclusion factor are applied to China A-shares. Many nations not displayed. Totals may not equal 100% due to rounding. For educational purposes; should not be used as investment advice. Data provided by Bloomberg. Diversification neither assures a profit nor guarantees against loss in a declining market.

Global Bond Market

As of December 31, 2022

BOND TYPE: ■ GOVERNMENT-RELATED ■ TREASURY ■ CORPORATE ■ SECURITIZED



Viewing the world in terms of bond markets produces a very different perspective on countries and regions, as compared to their landmass, population, gross domestic product, or even stock markets.

This cartogram shows the balance of the investment grade fixed income opportunities around the world, with the size of each country adjusted to reflect the relative size of its fixed income market. It may be surprising that the relative sizes of a country's bond

and equity markets are not necessarily the same. Different regulations and preferences regarding capital structures for companies—as well as differing requirements and methods for government funding—lead to different outcomes. These proportions can

change over time, but viewing the fixed income world this way highlights opportunities for diversification in fixed income and helps clarify allocation decisions.

BY ASSET CLASS



BY COUNTRY

| Country | \$ Billions | Country | \$ Billions | Country | \$ Billions | Country | \$ Billions | Country | \$ Billions | Country | \$ Billions |
|----------------|-------------|-------------|-------------|--------------|-------------|----------------|-------------|------------|-------------|---------------|-------------|
| United States | 23,820 | Korea | 770 | Thailand | 191 | Czech Republic | 90 | Slovenia | 32 | South Africa | 11 |
| Japan | 7,542 | Netherlands | 735 | Denmark | 185 | Romania | 85 | Panama | 30 | Latvia | 11 |
| China | 5,596 | Belgium | 519 | Norway | 173 | Hong Kong | 70 | Brazil | 24 | Bulgaria | 9 |
| France | 2,973 | Switzerland | 423 | Singapore | 172 | Qatar | 67 | Taiwan | 17 | Iceland | 4 |
| Germany | 2,742 | Indonesia | 380 | Portugal | 169 | Peru | 64 | Croatia | 17 | Estonia | 4 |
| United Kingdom | 2,550 | Sweden | 348 | Poland | 129 | Hungary | 58 | Uruguay | 16 | Andorra | 1 |
| Canada | 2,067 | Austria | 345 | New Zealand | 118 | Slovakia | 53 | Kazakhstan | 15 | Malta | 1 |
| Italy | 1,761 | Mexico | 300 | Saudi Arabia | 114 | Colombia | 48 | Kuwait | 13 | Jersey | 1 |
| Spain | 1,298 | Malaysia | 237 | UAE | 114 | Luxembourg | 46 | Lithuania | 13 | Liechtenstein | 1 |
| Supranational | 1,286 | Finland | 201 | Chile | 105 | Philippines | 42 | Cyprus | 12 | | |
| Australia | 989 | Ireland | 195 | Israel | 99 | India | 41 | Bermuda | 11 | | |

In USD. Data is from Bloomberg Global Aggregate Bond Index. Index excludes non-investment grade securities, bonds with less than one year to maturity, tax-exempt municipal securities, linked bonds, and floating rate issues. Treasury sector includes both nominal and inflation-linked native currency debt issued by central governments, which are backed by full faith and credit of a central government. Government-related sector groups are issuers with government affiliations, including agencies, sovereigns, supranationals, and local authorities. Corporate sector categorizes issuers based on primary lines of business, revenue streams, and operations used to service debt, including industrials, financial institutions, and utilities.

Securitized sector is designed to capture fixed income instruments whose payments are backed or directly derived from pool of assets protected or ring-fenced from credit of particular issuer (either by bankruptcy remote special purpose vehicle or bond covenant). Underlying collateral for securitized bonds can include residential mortgages, commercial mortgages, public sector loans, auto loans, or credit card payments. Many nations not displayed. Totals may not equal 100% due to rounding. For educational purposes; should not be used as investment advice. Data provided by Bloomberg. Diversification neither assures a profit nor guarantees against loss in a declining market.

The Randomness of Global Equity Returns

As of December 31, 2022

These two tables rank historical annual stock market performance for different developed and emerging markets from highest to lowest in each year.

Each color corresponds to a different country, and the patchwork dispersion of colors shows no predictable pattern in either the developed or the emerging

markets. Investors who follow a structured, diversified strategy are therefore more likely to capture the returns wherever they happen to occur in any given year.

This diversified strategy also reduces the risk of being too heavily invested in any one country that happens to perform particularly badly in any given year.

Developed Markets Annual Returns (%)

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|-------------------|
| HIGH | Sweden 64.5 | Austria 71.5 | Canada 28.3 | Spain 49.4 | Finland 48.7 | Japan -29.2 | Norway 87.1 | Sweden 33.8 | Ireland 13.7 | Belgium 39.6 | Finland 46.0 | USA 12.7 | Denmark 23.4 | Canada 24.6 | Austria 58.3 | Finland -3.4 | New Zealand 38.2 | Denmark 43.7 | Austria 41.5 | Portugal 0.2 |
| | Germany 63.8 | Norway 53.3 | Japan 25.5 | Portugal 47.4 | Hong Kong 41.2 | Switzerland -30.5 | Australia 76.4 | Denmark 30.7 | New Zealand 5.5 | Denmark 31.3 | Ireland 41.2 | New Zealand 7.3 | Ireland 16.5 | New Zealand 18.4 | Hong Kong 36.2 | New Zealand -4.0 | Ireland 37.5 | Netherlands 24.1 | Netherlands 27.6 | Hong Kong -4.7 |
| | Spain 58.5 | Belgium 43.5 | Austria 24.6 | Ireland 46.8 | Germany 35.2 | USA -37.6 | Singapore 74.0 | Hong Kong 23.2 | USA 1.4 | Singapore 31.0 | USA 31.8 | Denmark 6.2 | Belgium 12.1 | Norway 13.3 | Singapore 35.6 | USA -5.0 | Switzerland 32.3 | Sweden 23.9 | USA 26.5 | Denmark -4.8 |
| | Austria 57.0 | Ireland 43.1 | Denmark 24.5 | Singapore 46.7 | Norway 31.4 | Spain -40.6 | Sweden 64.2 | Singapore 22.1 | UK -2.6 | Germany 30.9 | Germany 31.4 | Hong Kong 5.1 | Japan 9.6 | Australia 11.4 | Denmark 34.7 | Hong Kong -7.8 | Netherlands 32.1 | USA 20.7 | Canada 26.0 | UK -4.8 |
| | New Zealand 55.4 | Sweden 36.3 | Norway 24.3 | Norway 45.1 | Canada 29.6 | France -43.3 | Hong Kong 60.2 | Canada 20.5 | Switzerland -6.8 | New Zealand 29.3 | Spain 31.3 | Belgium 4.1 | Austria 3.5 | Austria 11.3 | Netherlands 32.2 | Norway -8.6 | USA 30.9 | Finland 20.4 | Norway 22.0 | Australia -5.3 |
| | Canada 54.6 | New Zealand 35.2 | Finland 16.7 | Sweden 43.4 | Singapore 28.4 | Canada -45.5 | Belgium 57.5 | Japan 15.4 | Norway -10.0 | Hong Kong 28.3 | Netherlands 31.3 | Singapore 3.0 | Italy 2.3 | USA 10.9 | France 28.7 | Switzerland -9.1 | Denmark 28.2 | New Zealand 19.9 | Sweden 21.9 | Norway -7.0 |
| | Australia 49.5 | Italy 32.5 | Switzerland 16.3 | Denmark 38.8 | Australia 28.3 | Germany -45.9 | Canada 56.2 | USA 14.8 | Belgium -10.6 | Austria 25.9 | Belgium 27.6 | Ireland 2.3 | Finland 2.0 | France 4.9 | Italy 28.4 | Singapore -9.4 | Canada 27.5 | Ireland 15.1 | France 19.5 | Spain -7.3 |
| | Denmark 49.3 | Denmark 30.8 | Australia 16.0 | Belgium 36.7 | Denmark 25.6 | Singapore -47.4 | New Zealand 50.4 | Australia 14.5 | Australia -11.0 | Australia 22.1 | Japan 27.2 | Canada 1.5 | Netherlands 1.3 | Netherlands 4.8 | Norway 28.3 | Portugal -11.1 | Italy 27.3 | Japan 14.5 | Switzerland 19.3 | Singapore -11.0 |
| | Norway 48.1 | Australia 30.3 | Singapore 14.4 | Austria 36.5 | Portugal 24.0 | Denmark -47.6 | Spain 43.5 | Switzerland 11.8 | Netherlands -12.1 | Sweden 22.0 | Switzerland 26.6 | Switzerland -0.1 | Portugal 0.9 | Portugal 3.6 | Germany 27.7 | Australia -12.0 | France 25.7 | Portugal 14.4 | Denmark 19.0 | Belgium -12.5 |
| | Ireland 43.8 | Spain 28.9 | Netherlands 13.9 | Germany 36.0 | Spain 24.0 | Netherlands -48.2 | UK 43.3 | Norway 10.9 | Spain -12.3 | France 21.3 | France 26.3 | Finland -0.7 | USA 0.7 | Germany 2.8 | Spain 27.0 | France -12.8 | Portugal 23.7 | Switzerland 11.6 | UK 18.5 | Canada -12.9 |
| | Portugal 43.0 | Hong Kong 25.0 | Sweden 10.3 | France 34.5 | Netherlands 20.6 | UK -48.3 | Austria 43.2 | Finland 10.3 | Canada -12.7 | Netherlands 20.6 | Denmark 25.2 | Australia -3.4 | Switzerland 0.4 | Japan 2.4 | Japan 24.0 | Japan -12.9 | Australia 22.9 | Germany 11.5 | Italy 15.0 | France -13.3 |
| | France 40.2 | Portugal 24.7 | Germany 9.9 | Italy 32.5 | France 13.2 | Sweden -49.9 | Netherlands 42.3 | Austria 9.9 | Japan -14.3 | Switzerland 20.4 | Sweden 24.5 | Netherlands -3.5 | France -0.1 | Hong Kong 2.3 | Portugal 23.8 | Netherlands -13.1 | Sweden 21.2 | Australia 8.7 | Australia 9.4 | New Zealand -13.6 |
| | Hong Kong 38.1 | Singapore 22.3 | France 9.9 | Netherlands 31.4 | New Zealand 8.9 | Italy -50.0 | Portugal 40.4 | UK 8.8 | Sweden -16.0 | Norway 18.7 | UK 20.7 | Japan -4.0 | Hong Kong -0.5 | Singapore 1.4 | Switzerland 22.5 | Sweden -13.7 | UK 21.0 | Hong Kong 5.8 | Finland 9.0 | Italy -14.4 |
| | Italy 37.8 | Canada 22.2 | Belgium 9.0 | Australia 30.9 | UK 8.4 | Australia -50.7 | Denmark 36.6 | Germany 8.4 | Denmark -16.0 | USA 15.3 | Italy 20.4 | Spain -4.7 | Germany -1.9 | Sweden 0.6 | Finland 22.5 | UK -14.2 | Germany 20.8 | Canada 5.3 | Ireland 8.5 | Finland -15.3 |
| | Singapore 37.6 | UK 19.6 | Hong Kong 8.4 | UK 30.6 | Italy 6.1 | Hong Kong -51.2 | France 31.8 | New Zealand 8.3 | Hong Kong -16.0 | UK 15.3 | Austria 13.4 | UK -5.4 | Sweden -5.0 | UK -0.1 | UK 22.3 | Denmark -15.4 | Belgium 20.3 | France 4.1 | Singapore 5.7 | Japan -16.6 |
| | Japan 35.9 | France 18.5 | UK 7.4 | Hong Kong 30.4 | USA 5.4 | Portugal -52.2 | Italy 26.6 | Netherlands 1.7 | France -16.9 | Finland 14.6 | New Zealand 11.3 | Sweden -7.5 | New Zealand -6.3 | Spain -1.0 | USA 21.2 | Spain -16.2 | Japan 19.6 | Italy 1.8 | Germany 5.3 | Switzerland -18.3 |
| | Belgium 35.3 | Germany 16.2 | USA 5.1 | Finland 29.9 | Switzerland 5.3 | New Zealand -53.8 | USA 26.3 | Belgium -0.4 | Singapore -17.9 | Italy 12.5 | Hong Kong 11.1 | Italy -9.5 | UK -7.6 | Finland -4.7 | Sweden 20.6 | Canada -17.2 | Singapore 15.0 | Norway -1.8 | Belgium 2.2 | USA -19.8 |
| | Switzerland 34.1 | Japan 15.9 | Spain 4.4 | Switzerland 27.4 | Austria 2.2 | Finland -55.2 | Switzerland 25.3 | France -4.1 | -18.1 | Canada 9.1 | Portugal 11.0 | France -9.9 | Australia -10.0 | Switzerland -4.9 | Australia 19.9 | Italy -17.8 | Austria 14.5 | Austria -3.3 | Japan 1.7 | Germany -22.3 |
| | UK 32.1 | Switzerland 15.0 | Italy 1.9 | Canada 17.8 | Sweden 0.6 | Norway -64.2 | Germany 25.2 | Portugal -11.3 | Portugal -23.1 | Japan 8.2 | Norway 9.4 | Germany -10.4 | Norway -15.0 | Ireland -7.1 | Belgium 18.6 | Germany -22.2 | Spain 12.0 | Spain -4.8 | Spain 1.4 | Ireland -26.2 |
| | USA 28.4 | Netherlands 12.2 | New Zealand 1.7 | New Zealand 16.6 | Belgium -2.7 | Belgium -66.5 | Ireland 12.3 | Italy -15.0 | Italy -23.2 | Ireland 5.7 | Canada 5.6 | Norway -22.0 | Spain -15.6 | Belgium -7.6 | Ireland 18.1 | Ireland -25.3 | Norway 10.4 | Singapore -7.5 | Portugal 0.2 | Austria -26.4 |
| | Netherlands 28.1 | USA 10.1 | Portugal -1.9 | USA 14.7 | Japan -4.2 | Austria -68.4 | Finland 11.1 | Ireland -18.1 | Finland -31.9 | Portugal 3.5 | Australia 4.2 | Austria -29.8 | Singapore -17.7 | Italy -10.5 | Canada 16.1 | Belgium -26.9 | Hong Kong 10.3 | Belgium -8.1 | Hong Kong -3.9 | Netherlands -27.7 |
| LOW | Finland 19.4 | Finland 6.1 | Ireland -2.3 | Japan 6.2 | Ireland -20.1 | Ireland -71.9 | Japan 6.3 | Spain -22.0 | Austria -36.4 | Spain 3.0 | Singapore 1.7 | Portugal -38.2 | Canada -24.2 | Denmark -15.8 | New Zealand 11.7 | Austria -27.4 | Finland 9.5 | UK -10.5 | New Zealand -17.1 | Sweden -28.4 |

Emerging Markets Annual Returns (%)

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|--------------------|------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|------------------|-------------------|
| HIGH | Thailand 143.5 | Colombia 132.4 | Egypt 161.6 | China 82.9 | Peru 94.4 | Colombia -25.1 | Brazil 128.1 | Thailand 55.7 | Indonesia 6.0 | Turkey 64.2 | Taiwan 9.1 | Egypt 29.3 | Hungary 36.3 | Brazil 66.2 | Poland 54.7 | Peru 1.6 | Egypt 41.8 | Korea 44.6 | Czech Rep. 55.0 | Turkey 90.4 |
| | Turkey 125.3 | Egypt 126.2 | Colombia 107.2 | Indonesia 73.8 | Brazil 79.6 | Chile -35.8 | Indonesia 126.2 | Peru 53.3 | Malaysia 0.1 | Egypt 47.1 | Egypt 8.2 | Indonesia 26.6 | India -6.1 | Peru 55.6 | China 54.1 | Brazil -0.5 | Taiwan 36.4 | Taiwan 41.0 | India 26.2 | Chile 19.4 |
| | Brazil 114.4 | Hungary 91.5 | Korea 57.0 | Peru 62.1 | Turkey 74.1 | South Africa -37.9 | India 102.8 | Chile 44.2 | Philippines -0.9 | Philippines 46.4 | Malaysia 7.7 | Philippines 25.6 | Korea -6.7 | Hungary 35.4 | Korea 47.3 | Czech Rep. -4.4 | Colombia 30.8 | China 29.5 | Taiwan 26.1 | Brazil 14.2 |
| | Peru 94.1 | Czech Rep. 85.6 | Brazil 56.4 | Philippines 58.2 | India 73.1 | Peru -40.2 | Turkey 97.5 | Colombia 43.4 | Thailand -2.7 | Poland 39.2 | Korea 3.9 | India 23.9 | Philippines -6.8 | Thailand 26.6 | Chile 42.2 | Thailand -5.5 | Brazil 26.3 | India 15.6 | Mexico 22.5 | Peru 9.4 |
| | Egypt 91.8 | Poland 61.1 | Turkey 56.1 | India 51.0 | China 66.2 | Malaysia -41.2 | Chile 85.6 | Malaysia 37.0 | Colombia -5.0 | Colombia 35.9 | China 3.6 | Turkey 18.7 | China -7.8 | Colombia 26.5 | Hungary 39.9 | Malaysia -6.0 | China 23.5 | Malaysia 3.7 | Hungary 12.1 | Thailand 5.0 |
| | China 87.6 | Indonesia 50.6 | Mexico 49.1 | Brazil 45.3 | Egypt 58.4 | Mexico -42.9 | Colombia 84.3 | South Africa 34.2 | Czech Rep. -6.0 | Thailand 34.5 | Poland 2.6 | Thailand 16.5 | Taiwan -11.7 | Taiwan 18.5 | India 38.8 | Hungary -6.1 | Hungary 19.4 | Mexico -1.9 | Poland 8.5 | Indonesia 3.6 |
| | Chile 83.3 | Mexico 48.3 | Czech Rep. 45.8 | Mexico 41.4 | Czech Rep. 55.3 | Czech Rep. -43.1 | Taiwan 79.2 | Indonesia 33.9 | Korea -12.0 | Mexico 29.1 | Mexico 0.2 | Peru 10.5 | Mexico -14.4 | South Africa 17.9 | Peru 38.4 | India -7.3 | Korea 12.5 | Philippines -3.4 | Egypt 7.5 | Mexico -2.0 |
| | India 78.3 | South Africa 44.9 | India 37.6 | Poland 40.7 | Indonesia 54.2 | Taiwan -46.5 | Hungary 77.6 | Philippines 33.9 | Mexico -12.1 | India 26.0 | Philippines -2.7 | Taiwan 9.4 | Chile -17.7 | Indonesia 17.0 | Turkey 38.4 | Taiwan -8.9 | Mexico 11.4 | South Africa -4.0 | South Africa 3.6 | South Africa -3.9 |
| | Indonesia 76.5 | Turkey 41.4 | Peru 34.7 | Malaysia 37.1 | Malaysia 46.1 | Thailand -48.5 | Thailand 76.6 | Mexico 27.6 | South Africa -14.4 | Hungary 22.8 | India -3.8 | China 8.0 | Czech Rep. -18.4 | Chile 15.6 | South Africa 36.1 | Indonesia -9.2 | Turkey 11.1 | Czech Rep. -4.0 | Indonesia 2.1 | Malaysia -5.8 |
| | Colombia 66.4 | Brazil 35.9 | South Africa 28.3 | Czech Rep. 33.9 | Thailand 46.0 | China -50.8 | Peru 71.9 | Korea 26.7 | China -18.4 | China 22.7 | Hungary -5.8 | South Africa 5.2 | Indonesia -19.5 | Korea 8.7 | Czech Rep. 35.5 | Colombia -11.5 | Philippines 10.5 | Peru -4.7 | Thailand -1.4 | Colombia -6.0 |
| | Czech Rep. 64.4 | Chile 28.0 | Poland 24.2 | Hungary 33.7 | Philippines 40.4 | Egypt -52.4 | Korea 71.3 | Taiwan 21.8 | Chile -20.4 | Korea 21.2 | South Africa -6.2 | Czech Rep. -4.4 | Malaysia -20.1 | China 0.9 | Thailand 34.5 | Poland -12.9 | South Africa 10.0 | Chile -5.6 | Philippines -3.9 | India -8.0 |
| | South Africa 45.9 | Philippines 25.8 | Philippines 22.6 | Chile 28.7 | Korea 31.9 | Philippines -52.6 | Philippines 65.6 | India 20.9 | Taiwan -20.9 | Peru 20.2 | South Africa -10.5 | Malaysia -9.3 | Thailand -23.5 | Poland 0.1 | Taiwan 27.5 | Egypt -14.0 | Thailand 9.5 | Indonesia -8.1 | Malaysia -6.2 | Philippines -13.9 |
| | Taiwan 41.9 | Korea 22.1 | Chile 20.9 | South Africa 20.5 | Poland 25.2 | Poland -54.8 | China 62.3 | Turkey 20.8 | Peru -21.4 | South Africa 18.7 | Thailand -14.6 | Malaysia -10.7 | Egypt -23.7 | India -1.4 | Malaysia 25.1 | Mexico -15.5 | Indonesia 9.1 | Turkey -8.8 | Korea -8.4 | Czech Rep. -14.4 |
| | Philippines 41.5 | India 19.1 | China 19.8 | Taiwan 20.0 | Chile 23.0 | Korea -55.3 | South Africa 57.8 | Poland 15.2 | Brazil -21.8 | Taiwan 16.7 | Brazil -16.0 | Korea -11.1 | Poland -25.4 | Malaysia -3.9 | Philippines 24.6 | Philippines -16.5 | India 7.6 | Poland -11.4 | Colombia -13.8 | China -21.9 |
| | Poland 35.1 | Malaysia 15.2 | Hungary 17.9 | Egypt 17.1 | South Africa 18.1 | Brazil -56.2 | Mexico 56.6 | Egypt 12.4 | Poland -30.1 | Malaysia 14.3 | Colombia -21.1 | Chile -13.0 | South Africa -25.5 | Czech Rep. -5.0 | Indonesia 24.2 | China -18.9 | Peru 4.8 | Hungary -11.7 | Chile -17.3 | Egypt -22.6 |
| | Korea 35.0 | Taiwan 9.0 | Indonesia 15.1 | Colombia 13.6 | Hungary 16.8 | Indonesia -56.5 | Malaysia 52.1 | Brazil 6.5 | Hungary -33.6 | Chile 7.8 | Chile -22.0 | Brazil -14.0 | Peru -31.7 | Philippines -6.6 | Brazil 24.1 | Chile -19.7 | Czech Rep. 4.2 | Thailand -11.7 | Brazil -17.4 | Poland -27.2 |
| | Mexico 32.8 | Peru 3.0 | Thailand 8.7 | Korea 12.6 | Colombia 15.0 | Hungary -61.5 | Poland 41.5 | China 4.6 | Turkey -35.4 | Indonesia 4.6 | Indonesia -23.5 | Poland -14.2 | Turkey -31.9 | Turkey -8.5 | Colombia 16.3 | Korea -20.9 | Malaysia -2.0 | Colombia -19.0 | Peru -19.9 | Korea -29.4 |
| | Hungary 32.0 | China 1.9 | Taiwan 6.4 | Thailand 11.1 | Mexico 12.2 | Turkey -62.3 | Egypt 39.7 | Czech Rep. -2.5 | India -37.2 | Czech Rep. 2.5 | Turkey -26.8 | Indonesia -19.8 | Brazil -41.4 | Mexico -9.2 | Mexico 16.0 | South Africa -24.8 | Poland -5.9 | Brazil -19.0 | China -21.7 | Taiwan -29.8 |
| LOW | Malaysia 26.6 | Thailand -1.2 | Malaysia 2.3 | Turkey -7.2 | Taiwan 8.4 | India -64.6 | Czech Rep. 26.5 | Hungary -9.6 | Egypt -46.9 | 0.0 | Peru -29.8 | Hungary -27.4 | Colombia -41.8 | Egypt -11.5 | Egypt 5.1 | Turkey -41.4 | Chile -16.9 | Egypt -22.5 | Turkey -28.4 | Hungary -31.1 |

In USD. MSCI country indices (net dividends) for each country listed. Does not include Israel, which MSCI classified as an emerging market prior to May 2010.

In USD. MSCI country indices (net dividends) for each country listed. Does not include Greece, which MSCI classified as a developed market prior to November 2013, or Russia, which MSCI classified as a standalone market as of March 2022. Additional countries excluded due to data availability or due to downgrades by MSCI from emerging to frontier market. MSCI data © MSCI 2023, all rights reserved. Past performance is no guarantee of future results. Indices are not available for direct investment; therefore, their performance does not reflect the expenses associated with the management of an actual portfolio. Diversification neither assures a profit nor guarantees against loss in a declining market.

Sources and Descriptions of Data

US Equities

CRSP 1–10 INDEX

CRSP Deciles 1–10 Index provided by the Center for Research in Security Prices, University of Chicago.

July 1962–present

CRSP Deciles 1–10 Cap-Based (market) Portfolio; rebalanced quarterly all exchanges; CRSP market index-weighted average of CRSP 1 through CRSP 10.

Prior to July 1962

NYSE; rebalanced semiannually.

S&P 500 INDEX

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DIMENSIONAL US ADJUSTED MARKET 2 INDEX

January 1975–present

Compiled by Dimensional from CRSP and Compustat data. Targets all the securities in the eligible market with an emphasis on companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability and highest relative price within the small cap universe. The index also excludes those companies with the highest asset growth within the small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to March 2007. Accordingly, the results shown during the periods prior to March 2007 do not represent actual returns of the index. Other periods selected may have different results, including losses. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in December 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

Prior to January 1975

Compiled by Dimensional from CRSP and Compustat data. Targets all the securities in the eligible market with an emphasis on companies with smaller capitalization and lower relative price. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies.

DIMENSIONAL US LARGE CAP VALUE INDEX

January 1975–present

Compiled by Dimensional from CRSP and Compustat data. The index composition consists of large cap companies in the eligible market whose relative price is in the bottom 30% of large cap market after the exclusion of utilities, companies lacking financial data, and companies with negative relative price. The index emphasizes securities with higher profitability, lower relative price, and lower market capitalization. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to March 2007. Accordingly, the results shown during the periods prior to March 2007 do not represent actual returns of the index. Other periods selected may have different results, including losses. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index.

Prior to January 1975

Compiled by Dimensional from CRSP and Compustat data. The index composition consists of large cap companies in the eligible market whose relative price is in the bottom 25% of the US Large Cap Index after the exclusion of utilities, companies lacking financial data, and companies with negative relative price. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies.

DIMENSIONAL US SMALL CAP INDEX

January 1975–present

Compiled by Dimensional from CRSP and Compustat data. Market-capitalization-weighted index of securities of the smallest US companies whose market capitalization falls in the lowest 8% of the total market capitalization of the eligible market. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market.

Exclusions: non-US companies, REITs, UITs, investment companies, and companies with the lowest profitability and highest relative price within the small cap universe. The index also excludes those companies with the highest asset growth within the small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index has been retrospectively calculated by Dimensional and did not exist prior to March 2007. Accordingly, the results shown during the periods prior to March 2007 do not represent actual returns of the index. Other periods selected may have different results, including losses. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in December 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

Prior to January 1975

Compiled by Dimensional from CRSP and Compustat data. Market-capitalization-weighted index of securities of the smallest US companies whose market capitalization falls in the lowest 8% of the total market capitalization of the eligible market. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies.

DIMENSIONAL US SMALL CAP VALUE INDEX

January 1975–present

Compiled by Dimensional from CRSP and Compustat data. The index composition is a subset of the US Small Cap Index. The subset is defined as companies whose relative price is in the bottom 35% of the US Small Cap Index after the exclusion of utilities, companies lacking financial data, and companies with negative relative price. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, investment companies, and companies with the lowest profitability within the small cap value universe. The index also excludes those companies with the highest asset growth within the small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index has been retrospectively calculated by Dimensional and did not exist prior to March 2007. Accordingly, the results shown during the periods prior to March 2007 do not represent actual returns of the index. Other periods selected may have different results, including losses. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in December 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

Prior to January 1975

Compiled by Dimensional from CRSP and Compustat data. The index composition is a subset of the US Small Cap Index. The subset is defined as companies whose relative price is in the bottom 25% of the US Small Cap Index after the exclusion of utilities, companies lacking financial data, and companies with negative relative price. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies.

DIMENSIONAL US SMALL CAP GROWTH INDEX

Compiled by Dimensional from CRSP and Compustat data. Consists of companies with market capitalizations in the lowest 8% of the total market capitalization of the eligible market whose relative price is in the top 50% of all small cap companies after the exclusion of utilities, companies lacking financial data, and companies with negative relative price. The index excludes companies with the lowest profitability within the small cap growth universe. The index also excludes those companies with the highest asset growth within the small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to December 2012. Accordingly, the results shown during the periods prior to December 2012 do not represent actual returns of the index. Other periods selected may have different results, including losses. The calculation methodology for the index was amended in December 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

NASDAQ INDEX

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Non-US Equities

MSCI ALL COUNTRY WORLD INDEX

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MSCI WORLD EX USA INDEX

MSCI World ex USA Index (gross dividends) © MSCI 2023, all rights reserved.

DIMENSIONAL INTERNATIONAL ADJUSTED MARKET INDEX

Compiled by Dimensional from Bloomberg securities data. Targets all the securities in the eligible markets with an emphasis on companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability and highest relative price within their country’s small cap universe. The index also excludes those companies with the highest asset growth within their country’s small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the UK. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in November 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

DIMENSIONAL INTERNATIONAL LARGE VALUE INDEX

Compiled by Dimensional from Bloomberg securities data. Consists of large cap companies in eligible markets whose relative price is in the bottom 30% of their country’s large companies, after the exclusion of utilities, and companies with either negative or missing relative price data. The index emphasizes companies with smaller capitalization, lower relative price, and higher profitability. The index also excludes those companies with the lowest profitability within their country’s large value universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the UK. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index.

DIMENSIONAL INTERNATIONAL SMALL CAP INDEX

January 1990–present

Compiled by Dimensional from Bloomberg securities data. Market-capitalization-weighted index of small company securities in the eligible markets, excluding those with the lowest profitability and highest relative price within their country’s small cap universe. The index also excludes those companies with the highest asset growth within their country’s small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the UK. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in November 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

July 1981–December 1989

Created by Dimensional. Includes securities of MSCI EAFE countries in the bottom 10% of market capitalization, excluding the bottom 1%. All securities are market capitalization weighted. Each country is capped at 50%; rebalanced semiannually.

Prior to July 1981

50% Hoare Govett Small Companies Index, 50% Nomura Small Companies Index.

DIMENSIONAL INTERNATIONAL SMALL CAP VALUE INDEX

January 1990–present

Compiled by Dimensional from Bloomberg securities data. Consists of small cap companies in eligible markets whose relative price is in the bottom 35% of their country’s respective constituents, after the exclusion of utilities and companies with either negative or missing relative price data. The index excludes securities with the lowest profitability within their country’s small cap universe. The index also excludes those companies with the highest asset growth within their country’s small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the UK. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in November 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

Prior to January 1990

Created by Dimensional. Includes securities of MSCI EAFE countries, in the top 30% of book-to-market by market capitalization conditional on the securities being in the bottom 10% of market capitalization, excluding the bottom 1%. All securities are market capitalization weighted. Each country is capped at 50%; rebalanced semiannually.

DIMENSIONAL INTERNATIONAL SMALL CAP GROWTH INDEX

Compiled by Dimensional from Bloomberg securities data. Consists of small cap companies in eligible markets whose relative price is in the top 50% of their country’s respective constituents, after the exclusion of utilities and companies with either negative or missing relative price data. The index excludes those companies with the lowest profitability and highest relative price within their country’s small growth universe. The index also excludes those companies with the highest asset growth within their country’s small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the UK. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in November 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

MSCI EMERGING MARKETS INDEX

MSCI Emerging Markets Index (gross dividends)© MSCI 2023, all rights reserved.

DIMENSIONAL EMERGING MARKETS ADJUSTED MARKET INDEX

Compiled by Dimensional from Bloomberg securities data. Targets large cap securities in the eligible markets with an emphasis on companies with smaller capitalization, lower relative price, and higher profitability. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Brazil, Chile, China, Colombia, the Czech Republic, Hungary, India, Indonesia, Korea, Malaysia,

Mexico, Peru, the Philippines, Poland, South Africa, Taiwan, Thailand, and Turkey. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in November 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

DIMENSIONAL EMERGING MARKETS VALUE INDEX

Compiled by Dimensional from Bloomberg securities data. Consists of companies whose relative price is in the bottom 33% of their country’s respective constituents, after the exclusion of utilities and companies with either negative or missing relative price data. The index emphasizes companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability within their country’s small cap universe. The index also excludes those companies with the highest asset growth within their country’s small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Brazil, Chile, China, Colombia, the Czech Republic, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Peru, the Philippines, Poland, South Africa, Taiwan, Thailand, and Turkey. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in November 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

DIMENSIONAL EMERGING MARKETS SMALL INDEX

January 1990–present

Compiled by Dimensional from Bloomberg securities data. Market-capitalization-weighted index of small company securities in the eligible markets, excluding those with the lowest profitability and highest relative price within their country’s small cap universe. The index also excludes those companies with the highest asset growth within their country’s small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Brazil, Chile, China, Colombia, the Czech Republic, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Peru, the Philippines, Poland, South Africa, Taiwan, Thailand, and Turkey. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in November 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

Prior to January 1990

Fama/French Emerging Markets Small Cap Index.

Fixed Income

DOW JONES US SELECT REIT INDEX

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S&P GLOBAL REIT INDEX

Shown in gross dividends. S&P data © 2023 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

ONE-MONTH US TREASURY BILLS

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LONG-TERM GOVERNMENT BONDS

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BLOOMBERG US AGGREGATE BOND INDEX

Data provided by Bloomberg.

BLOOMBERG US GOVERNMENT/CREDIT BOND INDEX INTERMEDIATE

Data provided by Bloomberg.

DIMENSIONAL US ADJUSTED INVESTMENT GRADE INDEX

Compiled by Dimensional using data provided by Bloomberg. Includes securities in Bloomberg US 3–10 Year Government, Credit Aaa, Aa, A, Baa indices, and Bloomberg US 1–3 Year Government, Credit Aaa, Aa, A, Baa indices. Securities can be over- or underweighted based on government/credit spreads. When the difference in yields between credit and government bonds is narrow, government bonds may be held above 50%. When the difference in yields between credit and government bonds is wide, government bonds may be held below 50%. Securities can be over- or underweighted with respect to their market cap weight based on credit spreads. When the difference in yields between AAA+AA and A+BBB is narrow, AAA+AA bonds may be held above market cap weight. When the difference in yields between AAA+AA and A+BBB is wide, AAA+AA bonds may be held below market cap weight. When the difference in yields between AAA+AA and BBB is narrow, BBB bonds may be held below market cap weight. When the difference in yields between AAA+AA and BBB is wide, BBB bonds may be held above market cap weight. The duration of the index is based on the term spread between 5–10 year government/credit bonds and 1–3 year government/credit bonds. When the term spread is wide, the duration of the index can be longer than the duration of Bloomberg US Aggregate Index. When the term spread is narrow, the duration of the index can be shorter than the duration of Bloomberg US Aggregate Index. The duration of the government component is based on the term spread between 5–10 year government bonds and 1–3 year government bonds. When the term spread is wide, the duration of the index can be longer than the duration of Bloomberg US Government Index. When the term spread is narrow, the duration of the index can be shorter than the duration of Bloomberg US Government Index.

Rebalanced monthly. The index has been retrospectively calculated by Dimensional and did not exist prior to November 2016. Accordingly, results shown during the periods prior to November 2016 do not represent actual returns of the index. Other periods selected may have different results, including losses.

BLOOMBERG GLOBAL AGGREGATE BOND INDEX (HEDGED TO USD)

Data provided by Bloomberg.

DIMENSIONAL SHORT-TERM EXTENDED QUALITY INDEX

Compiled by Dimensional using data provided by Bloomberg. Includes securities in Bloomberg US 3–5 Year Government, Credit Aaa, Aa, A, Baa indices, and Bloomberg US 1–3 Year Government, Credit Aaa, Aa, A, Baa indices. Securities can be over- or underweighted based on government/credit spreads. When the difference in yields between credit and government bonds is narrow, government bonds may be overweighted. When the difference in yields between credit and government bonds is wide, government bonds may be underweighted. Securities can be over- or underweighted with respect to their market cap weight based on credit spreads. When the difference in yields between AAA+AA and A+BBB is narrow, AAA+AA bonds may be held above market cap weight. When the difference in yields between AAA+AA and A+BBB is wide, AAA+AA bonds may be held below market cap weight. When the difference in yields between AAA+AA and BBB is narrow, BBB bonds may be held below market cap weight. When the difference in yields between AAA+AA and BBB is wide, BBB bonds may be held above market cap weight. The duration of the index is based on the term spread between the 3–5 year government/credit bonds and 1–3 year government/credit bonds. When the term spread is wide, the duration of the index can be longer than the duration of Bloomberg US Credit 1–5 Year Index. When the term spread is narrow, the duration of the index can be shorter than the duration of Bloomberg US Credit 1–5 Year Index. The duration of the government component is based on the term spread between 3–5 year government bonds and 1–3 year government bonds. When the term spread is wide, the duration of the index can be longer than the duration of Bloomberg US Government 1–5 Year Index. When the term spread is narrow, the duration of the index can be shorter than the duration of Bloomberg US Government 1–5 Year Index. Rebalanced monthly.

DIMENSIONAL TARGETED CREDIT INDEX (HEDGED TO USD)

Compiled by Dimensional using data provided by Bloomberg. Based on securities in the universe of Bloomberg Global Aggregate Index and Global High Yield Index. Includes global investment grade corporate bonds and global BB corporates only. Eligible currencies: AUD, CAD, CHF, EUR, GBP, JPY, and USD. Within the universe, the index identifies the yield curves that offer higher expected returns, and the duration ranges on those yield curves offering higher expected returns, and assesses the increased expected returns associated with allocation to bonds with different credit qualities. It then overweights (with respect to their market cap weight) bonds of yield curves, duration ranges, and credit qualities that offer higher expected returns. It also employs credit quality, currency, and duration requirements relative to the eligible market. Rebalanced monthly. The index has been retrospectively calculated by Dimensional and did not exist prior to January 2020. Accordingly, results shown during the periods prior to January 2020 do not represent actual returns of the index. Other periods selected may have different results, including losses.

DIMENSIONAL GLOBAL ADJUSTED FIXED INCOME MARKET INDEX (HEDGED TO USD)

Compiled by Dimensional using data provided by Bloomberg. Based on securities in the universe of the Bloomberg Global Aggregate Index and Global High Yield Index. Includes global government bonds, global investment grade corporate bonds, and global BB corporates. Eligible currencies: AUD, CAD, CHF, EUR, GBP, JPY, and USD. Within the universe, the index identifies the yield curves that offer higher expected returns, and the duration ranges on those yield curves offering higher expected returns, and assesses the increased expected returns associated with allocation to bonds with different credit qualities. It then overweights (with respect to their market cap weight) bonds of yield curves, duration ranges, and credit qualities that offer higher expected returns. It also employs credit quality, currency, and duration requirements relative to the eligible market. Rebalanced monthly. The index has been retrospectively calculated by Dimensional and did not exist prior to November 2017. Accordingly, results shown during the periods prior to November 2017 do not represent actual returns of the index. Other periods selected may have different results, including losses.

BLOOMBERG US MORTGAGE BACKED SECURITIES INDEX

Data provided by Bloomberg.

BLOOMBERG COMMODITY TOTAL RETURN INDEX

Data provided by Bloomberg.

BLOOMBERG US TIPS INDEX

Data provided by Bloomberg.

Inflation

INFLATION: US CONSUMER PRICE INDEX

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Wealth Index Models

BLOOMBERG US MORTGAGE BACKED SECURITIES INDEX

Data provided by Bloomberg.

BLOOMBERG US GOVERNMENT/CREDIT BOND INDEX 1–5 YEARS

Data provided by Bloomberg.

BLOOMBERG US CREDIT BOND INDEX 1–3 YEARS

Data provided by Bloomberg.

ICE BOFA US 3-MONTH TREASURY BILL INDEX

ICE BoFA index data © 2023 ICE Data Indices, LLC.

BLOOMBERG US GOVERNMENT BOND INDEX 1–2 YEARS

Data provided by Bloomberg.

BLOOMBERG US TIPS INDEX 1–5 YEARS

Data provided by Bloomberg.

DIMENSIONAL US CORE EQUITY MARKET INDEX

Compiled by Dimensional from CRSP and Compustat data. Targets all securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market with an emphasis on companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability and highest relative price within the small cap universe. The index also excludes those companies with the highest asset growth within the small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. Exclusions: non-US companies, REITs, UITs, and investment companies. The index has been retroactively calculated by Dimensional and did not exist prior to August 2020.

DIMENSIONAL INTERNATIONAL CORE EQUITY MARKET INDEX

Compiled by Dimensional using data provided by Bloomberg. Targets all the securities in the eligible markets with an emphasis on companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability and highest relative price within their country's small cap universe. The index also excludes those companies with the highest asset growth within their country's small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. Countries currently included are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the UK. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to August 2020.

DIMENSIONAL EMERGING MARKETS CORE EQUITY MARKET INDEX

Compiled by Dimensional from Bloomberg securities data. Targets all the securities in the eligible markets with an emphasis on companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability and highest relative price within their country's small cap universe. The index also excludes those companies with the highest asset growth within their country's small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. Countries currently included are Brazil, Chile, China, Colombia, the Czech Republic, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Peru, the Philippines, Poland, Qatar, South Africa, Saudi Arabia, Taiwan, Thailand, Turkey, and the UAE. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to August 2020.

DIMENSIONAL US ADJUSTED MARKET 1 INDEX

January 1975–present

Compiled by Dimensional from CRSP and Compustat data. Targets all the securities in the eligible market with an emphasis on companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability and highest relative price within the small cap universe. The index also excludes those companies with the highest asset growth within the small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to March 2007. Accordingly, the results shown during the periods prior to March 2007 do not represent actual returns of the index. Other periods selected may have different results, including losses. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in December 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

Prior to January 1975

Compiled by Dimensional from CRSP and Compustat data. Targets all the securities in the eligible market with an emphasis on companies with smaller capitalization and lower relative price. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies.

DIMENSIONAL US LARGE CAP HIGH PROFITABILITY INDEX

Compiled by Dimensional from CRSP and Compustat data. Consists of companies with market capitalizations above the 1,000th largest company whose profitability is in the top 35% of all large cap companies after the exclusion of utilities, companies lacking financial data, and companies with negative relative price. The index emphasizes companies with lower relative price, higher profitability, and lower market capitalization. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies. The index has been retroactively calculated by Dimensional and did not exist prior to December 2016. Accordingly, the results shown during the periods prior to December 2016 do not represent actual returns of the index. Other periods selected may have different results, including losses.

DIMENSIONAL US ADJUSTED MARKET VALUE INDEX

January 1975–present

Compiled by Dimensional from CRSP and Compustat data. Targets all the securities in the eligible market, excluding securities of companies with the largest market capitalizations and highest relative price. The index emphasizes companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability and highest relative price within the small cap universe. The index also excludes those companies with the highest asset growth within the small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. Exclusions: non-US companies, REITs, UITs, and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to March 2007. Accordingly, the results shown during the periods prior to March 2007 do not represent

actual returns of the index. Other periods selected may have different results, including losses. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in December 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

Prior to January 1975

Compiled by Dimensional from CRSP and Compustat data. Targets all the securities in the eligible market with an emphasis on securities with smaller capitalization and lower relative price, excluding securities with the largest market capitalizations and highest relative price. The eligible market is composed of securities of US companies traded on the NYSE, NYSE MKT (formerly AMEX), and Nasdaq Global Market. Exclusions: non-US companies, REITs, UITs, and investment companies.

DIMENSIONAL INTERNATIONAL LARGE CAP HIGH PROFITABILITY INDEX

Compiled by Dimensional from Bloomberg securities data. Consists of large cap companies with high relative price in eligible markets whose profitability is in the top 35% of their country's large cap universe, after the exclusion of utilities and companies with either negative or missing relative price data. The index emphasizes companies with lower relative price, higher profitability, and lower market capitalization. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the UK. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to December 2016. Accordingly, the results shown during the periods prior to December 2016 do not represent actual returns of the index.

DIMENSIONAL INTERNATIONAL VECTOR INDEX

Compiled by Dimensional from Bloomberg securities data. Targets all the securities in the eligible markets with an emphasis on companies with smaller capitalization, lower relative price, and higher profitability, excluding those with the lowest profitability and highest relative price within their country's small cap universe. The index also excludes those companies with the highest asset growth within their country's small cap universe. Profitability is defined as operating income before depreciation and amortization minus interest expense divided by book equity. Asset growth is defined as change in total assets from the prior fiscal year to current fiscal year. The index monthly returns are computed as the simple average of the monthly returns of four sub-indices, each one reconstituted once a year at the end of each quarter of the year. Maximum index weight of any one company is capped at 5%. Countries currently included are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the UK. Exclusions: REITs and investment companies. The index has been retrospectively calculated by Dimensional and did not exist prior to April 2008. Accordingly, the results shown during the periods prior to April 2008 do not represent actual returns of the index. The calculation methodology for the index was amended in January 2014 to include profitability as a factor in selecting securities for inclusion in the index. The calculation methodology for the index was amended in November 2019 to include asset growth as a factor in selecting securities for inclusion in the index.

DIMENSIONAL US CORE FIXED INCOME INDEX

Compiled by Dimensional using data provided by Bloomberg. Includes securities in Bloomberg US 5–10Y Government, Credit Aaa, Aa, A, Baa indices; Bloomberg US 1–5Y Government, Credit Aaa, Aa, A, Baa indices; and Bloomberg Remix Portfolio (TBA Proxy) Index. Securities can be over- or underweighted based on government/credit spreads. When the difference in yields between credit and government bonds is narrow, government bonds may be held above 50%. When the difference in yields between credit and government bonds is wide, government bonds may be held below 50%. Securities can be over- or underweighted with respect to their market cap weight based on credit spreads. When the difference in yields between AAA+AA and A+BBB is narrow, AAA+AA bonds may be held above market cap weight. When the difference in yields between AAA+AA and A+BBB is wide, AAA+AA bonds may be held below market cap weight. When the difference in yields between AAA+AA and BBB is wide, BBB bonds may be held above market cap weight. The duration of the index is based on the duration of its government/credit component and the duration of Bloomberg Remix Portfolio (TBA Proxy) Index. The duration of the government/credit component of the index is based on the term spread between 5–10 year government/credit bonds and 1–5 year government/credit bonds. When the

term spread is wide, the duration of the government/credit component can be slightly shorter than the duration of the Bloomberg US Aggregate Index. When the term spread is narrow, the duration of the government/credit component can be moderately shorter than the duration of the Bloomberg US Aggregate Index. The duration of the government component is based on the term spread between 5–10 year government bonds and 1–5 year government bonds. When the term spread is wide, the duration of the government component can be slightly shorter than the duration of Bloomberg US Government Index. When the term spread is narrow, the duration of the index can be moderately shorter than the duration of Bloomberg US Government Index. The index's backtested performance is based on the performance of the government/credit component, the Bloomberg Remix Portfolio (TBA Proxy) Index, and the ICE 1M USD LIBOR Index. Rebalanced monthly. The index has been retrospectively calculated by Dimensional and did not exist prior to December 2021. Accordingly, results shown during the periods prior to December 2021 do not represent actual returns of the index. Other periods selected may have different results, including losses. Data includes composite data from multiple sources or custom blends.

DIMENSIONAL SHORT-DURATION REAL RETURN INDEX

Compiled by Dimensional using data provided by Bloomberg. Includes securities in Bloomberg US 3–5 Year Government, Credit Aaa, Aa, A, Baa indices; Bloomberg US 1–3 Year Government, Credit Aaa, Aa, A, Baa indices; Bloomberg Inflation Swap USD 2YR Zero Coupon Index (Excess Return); and Bloomberg Inflation Swap USD 5YR Zero Coupon Index (Excess Return). For the fixed income component of the index, we do the following: (1) Securities can be over- or underweighted based on government/credit spreads. When the difference in yields between credit and government bonds is narrow, government bonds may be overweighted. When the difference in yields between credit and government bonds is wide, government bonds may be underweighted. (2) Securities can be over- or underweighted with respect to their market cap weight based on credit spreads. When the difference in yields between AAA+AA and A+BBB is narrow, AAA+AA bonds may be held above market cap weight. When the difference in yields between AAA+AA and A+BBB is wide, AAA+AA bonds may be held below market cap weight. When the difference in yields between AAA+AA and BBB is wide, BBB bonds may be held below market cap weight. (3) The duration of the index is based on the term spread (of real yields) between the real yields of the 3–5 year and 1–3 year credit bonds. Real yield is defined as nominal yield minus inflation swap rate. When the term spread is wide, the duration of the index can be longer than the duration of Bloomberg US Credit 1–5 Year Index. When the term spread is narrow, the duration of the index can be shorter than the duration of Bloomberg US Credit 1–5 Year Index. (4) The duration of the government component is based on the term spread (of real yields) between 3–5 year government bonds and 1–3 year government bonds. When the term spread is wide, the duration of the index can be longer than the duration of Bloomberg US Government 1–5 Year Index. When the term spread is narrow, the duration of the index can be shorter than the duration of Bloomberg US Government 1–5 Year Index. We use the 2-year and 5-year inflation swap indices to construct an index to match the duration of the fixed income component. The Dimensional index return is the sum of the fixed income component and the inflation swap index return component. Rebalanced monthly. The index has been retrospectively calculated by Dimensional and did not exist prior to January 2020. Accordingly, results shown during the periods prior to January 2020 do not represent actual returns of the index. Other periods selected may have different results, including losses.

DIMENSIONAL GLOBAL SHORT-TERM GOVERNMENT INDEX (HEDGED TO USD)

Compiled by Dimensional using data provided by Bloomberg. Based on securities in the universe of Bloomberg Global Aggregate 1–2 Year Index. Includes global government bonds only. Eligible currencies: AUD, CAD, CHF, EUR, GBP, JPY, and USD. Within the eligible universe, we apply market weights to construct the index. Rebalanced monthly. The index has been retrospectively calculated by Dimensional and did not exist prior to March 2020. Accordingly, results shown during the periods prior to March 2020 do not represent actual returns of the index. Other periods selected may have different results, including losses.

DIMENSIONAL GLOBAL SHORT-TERM GOVERNMENT VARIABLE MATURITY INDEX (HEDGED TO USD)

Compiled by Dimensional using FTSE data. Includes securities in the FTSE World Government Bond 1–3 Years and 3–5 Years indices. Countries: Australia, Austria, Belgium, Canada, France, Germany, Japan, the Netherlands, New Zealand, Norway, Spain, Sweden, Switzerland, the UK, and the US. Countries with the steepest yield curves are overweighted with respect to their market cap weight. For countries included, duration corresponds to the steepest segment of that country's yield curve. Rebalanced monthly.

DIMENSIONAL GLOBAL GOVERNMENT/CREDIT 1–3 YEAR UNHEDGED INDEX

February 1999–present

Compiled by Dimensional using data provided by Bloomberg. Based on securities in the universe of Bloomberg Global Aggregate Index. Includes global government bonds and global investment-grade corporate bonds. Eligible currencies: AUD, CAD, CHF, EUR, GBP, JPY, and USD. Within the universe, the index identifies the yield curves that offer higher expected returns, and the duration ranges on those yield curves offering higher expected returns, and assesses the increased expected returns associated with allocation to bonds with different credit qualities. It then overweights (with respect to their market cap weight) bonds of yield curves, duration ranges, and credit qualities that offer higher expected returns. It also employs credit quality, currency, and duration requirements relative to the eligible market. Rebalanced monthly. The index has been retrospectively calculated by Dimensional and did not exist prior to January 2020. Accordingly, results shown during the periods prior to January 2020 do not represent actual returns of the index. Other periods selected may have different results, including losses.

Prior to February 1999

Compiled by Dimensional using data by FTSE. Includes securities in the FTSE World Government Bond 1–3 Years Index. Countries: Australia, Austria, Belgium, Canada, France, Germany, Japan, the Netherlands, New Zealand, Norway, Spain, Sweden, Switzerland, the UK, and the US as data becomes available. Rebalanced monthly based on market weights.

DIMENSIONAL CORE MARKET 0/100 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. The Dimensional Core Market 0/100 Wealth Index Model combines the following indices: Bloomberg US TIPS Index (20%) and Dimensional Short-Term Extended Quality Index (80%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Bloomberg US TIPS Index is represented by the Bloomberg US Treasury Bond Index from January 1985 to February 1997. The Dimensional Short-Term Extended Quality Index is represented by the Bloomberg US Government/Credit 1–5 Year Bond Index from January 1985 to December 1995. The Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to January 2022.

DIMENSIONAL CORE MARKET 20/80 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 20% of the weight is allocated to the Dimensional Core Market 100/0 Wealth Index Model, and 80% of the weight is allocated to the following fixed income indices: Bloomberg US TIPS Index (10%), Dimensional Short-Term Extended Quality Index (60%), and Dimensional US Core Fixed Income Index (10%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Short-Term Extended Quality Index is represented by the Bloomberg US Government/Credit 1–5 Year Bond Index from January 1985 to December 1995. The Dimensional US Core Fixed Income Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989, and the US Government/Credit Simulation plus Bloomberg US Mortgage Backed Securities Index (70% non-MBS/30% MBS) from February 1989 to August 2005. The Bloomberg US TIPS Index is represented by the Bloomberg US Treasury Bond Index from January 1985 to February 1997. The Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to January 2022.

DIMENSIONAL CORE MARKET 40/60 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 40% of the weight is allocated to the Dimensional Core Market 100/0 Wealth Index Model, and 60% of the weight is allocated to the following fixed income indices: Dimensional Short-Term Extended Quality Index (40%) and Dimensional US Core Fixed Income Index (20%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Short-Term Extended Quality Index is represented by the Bloomberg US Government/Credit 1–5 Year Bond Index from January 1985 to December 1995. The Dimensional US Core Fixed Income Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989, and the US Government/Credit Simulation plus Bloomberg US Mortgage Backed Securities Index (70% non-MBS/30% MBS) from February 1989 to August 2005. The Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to January 2022.

DIMENSIONAL CORE MARKET 60/40 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 60% of the weight is allocated to the Dimensional Core Market 100/0 Wealth Index Model, and 40% of the weight is allocated to the following fixed income indices: Dimensional Short-Term Extended Quality Index (25%) and Dimensional US Core Fixed Income Index (15%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Short-Term Extended Quality Index is represented by the Bloomberg US Government/Credit 1–5 Year Bond Index from January 1985 to December 1995.

The Dimensional US Core Fixed Income Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989, and the US Government/Credit Simulation plus Bloomberg US Mortgage Backed Securities Index (70% non-MBS/30% MBS) from February 1989 to August 2005. The Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to January 2022.

DIMENSIONAL CORE MARKET 80/20 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 80% of the weight is allocated to the Dimensional Core Market 100/0 Wealth Index Model, and 20% of the weight is allocated to the following fixed income indices: Dimensional Short-Term Extended Quality Index (10%) and Dimensional US Core Fixed Income Index (10%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Short-Term Extended Quality Index is represented by the Bloomberg US Government/Credit 1–5 Year Bond Index from January 1985 to December 1995. The Dimensional US Core Fixed Income Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989, and the US Government/Credit Simulation plus Bloomberg US Mortgage Backed Securities Index (70% non-MBS/30% MBS) from February 1989 to August 2005. The Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to January 2022.

DIMENSIONAL CORE MARKET 100/0 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. The Dimensional Core Market 100/0 Index Model combines the following indices: Dimensional US Core Equity Market Index, Dimensional International Core Equity Market Index, Dimensional Emerging Markets Core Equity Market Index, and the S&P Global REIT Index (gross dividends). The weight of the REIT index is based on the market-capitalization weight of equity REITs within the global universe of eligible stocks and equity REITs, rounded to the nearest 1%. Within the remaining non-REIT allocation, US equities are overweight relative to their market-capitalization weight. The weights of the US, developed ex US, and emerging markets equities are then rescaled to sum to the total non-REIT weight of the Wealth Index Model and are all rounded to the nearest 1%. Regional weights are determined at each quarter-end and held constant for the next three months. The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to January 2022.

DIMENSIONAL CORE 0/100 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. The Dimensional Core 0/100 Wealth Index Model combines the following indices: Dimensional Short-Duration Real Return Index (40%), Dimensional Global Short-Term Government Index (hedged to USD) (40%), and Dimensional Short-Term Extended Quality Index (20%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Global Short-Term Government Index (hedged to USD) is represented by the Bloomberg US Government 1–3 Year Bond Index at 75% weight and the ICE BoFA US 3-Month Treasury Bill Index at 25% weight from January 1985 to October 1992 and the Bloomberg US Government 1–2 Year Bond Index from November 1992 to January 1999. The Dimensional Short-Duration Real Return Index is not available back to 1985. The Dimensional Short-Duration Real Return Index is represented by the Bloomberg US TIPS Index 1–5 Years from August 1997 to October 2006. Prior to August 1997, its weight is redistributed pro rata to the other fixed income indices. The Dimensional Short-Term Extended Quality Index is represented by the Bloomberg US Government/Credit 1–5 Year Bond Index from January 1985 to December 1995. The Dimensional Core 0/100 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE 20/80 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 20% of the weight is allocated to the Dimensional Core 100/0 Wealth Index Model, and 80% of the weight is allocated to the following fixed income indices: Dimensional Short-Duration Real Return Index (20%), Dimensional Global Short-Term Government Index (hedged to USD) (20%), Dimensional Short-Term Extended Quality Index (20%), Dimensional Global Short-Term Government Variable Maturity Index (hedged to USD) (10%), and Dimensional US Adjusted Investment Grade Index (10%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Global Short-Term Government Index (hedged to USD) is represented by the Bloomberg US Government 1–3 Year Bond Index at 75% weight and the ICE BoFA US 3-Month Treasury Bill Index at 25% weight from January 1985 to October 1992 and the Bloomberg US Government 1–2 Year Bond Index from November 1992 to January 1999. The Dimensional Short-Duration Real Return Index is not available back to 1985. The Dimensional Short-Duration Real Return Index is represented by the Bloomberg US TIPS Index 1–5 Years from August 1997 to October 2006. Prior to August 1997, its weight is redistributed pro rata to the

other fixed income indices. The Dimensional Short-Term Extended Quality Index is represented by the Bloomberg US Government/Credit 1–5 Year Bond Index from January 1985 to December 1995. The Dimensional US Adjusted Investment Grade Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989. The Dimensional Core 20/80 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE 40/60 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 40% of the weight is allocated to the Dimensional Core 100/0 Wealth Index Model, and 60% of the weight is allocated to the following fixed income indices: Dimensional Short-Term Extended Quality Index (20%), Dimensional Global Short-Term Government Variable Maturity Index (hedged to USD) (20%), and Dimensional US Adjusted Investment Grade Index (20%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Short-Term Extended Quality Index is represented by the Bloomberg US Government/Credit 1–5 Year Bond Index from January 1985 to December 1995. The Dimensional US Adjusted Investment Grade Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989. The Dimensional Core 40/60 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE 60/40 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 60% of the weight is allocated to the Dimensional Core 100/0 Wealth Index Model, and 40% of the weight is allocated to the Dimensional US Adjusted Investment Grade Index. The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional US Adjusted Investment Grade Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989. The Dimensional Core 60/40 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE 80/20 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 80% of the weight is allocated to the Dimensional Core 100/0 Wealth Index Model, and 20% of the weight is allocated to the following fixed income indices: Dimensional US Adjusted Investment Grade Index (10%) and Dimensional Global Adjusted Fixed Income Market Index (hedged to USD) (10%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Global Adjusted Fixed Income Market Index (hedged to USD) is represented by the Bloomberg US Aggregate Bond Index from January 1985 to December 1989 and the Bloomberg Global Aggregate Bond Index (hedged to USD) from January 1990 to January 1999. The Dimensional US Adjusted Investment Grade Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989. The Dimensional Core 80/20 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE 100/0 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. The Dimensional Core 100/0 Wealth Index Model combines the following indices: Dimensional US Adjusted Market 1 Index, Dimensional US Adjusted Market 2 Index, Dimensional International Adjusted Market Index, Dimensional Emerging Markets Adjusted Market Index, and the S&P Global REIT Index (gross dividends). The weight of the REIT index is based on the market capitalization weight of equity REITs within the global universe of eligible stocks and equity REITs, rounded to the nearest 1%. Within the remaining non-REIT allocation, US equities are overweight relative to their market capitalization weight. The weights of the US, developed ex US, and emerging markets equities are then rescaled to sum to the total non-REIT weight of the Wealth Index Model and are all rounded to the nearest 1%. Regional weights are determined at each quarter-end and are held constant for the next three months. Within the US allocation, the weight each month is split equally between the Dimensional US Adjusted Market 1 Index and the Dimensional US Adjusted Market 2 Index. The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Core 100/0 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE PLUS 0/100 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. The Dimensional Core Plus 0/100 Wealth Index Model combines the following indices: Dimensional Short-Duration Real Return Index (20%), Dimensional Global Short-Term Government Index (hedged to USD) (20%), Dimensional Global Government/Credit 1–3 Year Unhedged Index (40%), and Dimensional Global Short-Term Government Variable Maturity Index (hedged to USD) (20%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Global Short-Term Government Index (hedged to USD) is represented by the Bloomberg US Government 1–3 Year Bond Index at 75% weight and the ICE BofA US 3-Month Treasury Bill Index at 25% weight from January 1985 to October 1992 and the Bloomberg US Government 1–2 Year Bond Index from November 1992 to January 1999. The Dimensional Global Government/Credit 1–3 Year Unhedged Index is represented by the Bloomberg US Government/Credit 1–3 Year Bond Index from January 1985 to January 1999. The Dimensional Short-Duration Real Return Index is not available back to 1985. The Dimensional Short-Duration Real Return Index is represented by the Bloomberg US TIPS Index 1–5 Years from August 1997 to October 2006. Prior to August 1997, its weight is redistributed pro rata to the other fixed income indices. The Dimensional Core Plus 0/100 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE PLUS 20/80 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 20% of the weight is allocated to the Dimensional Core Plus 100/0 Wealth Index Model, and 80% of the weight is allocated to the following fixed income indices: Dimensional Global Government/Credit 1–3 Year Unhedged Index (30%), Dimensional Global Short-Term Government Variable Maturity Index (hedged to USD) (20%), Dimensional Targeted Credit Index (hedged to USD) (10%), and Dimensional US Adjusted Investment Grade Index (20%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Global Government/Credit 1–3 Year Unhedged Index is represented by the Bloomberg US Government/Credit 1–3 Year Bond Index from January 1985 to January 1999. The Dimensional Targeted Credit Index is represented by the Bloomberg US Credit 1–3 Year Bond Index from January 1985 to January 1999. The Dimensional US Adjusted Investment Grade Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989. The Dimensional Core Plus 20/80 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE PLUS 40/60 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 40% of the weight is allocated to the Dimensional Core Plus 100/0 Wealth Index Model, and 60% of the weight is allocated to the following fixed income indices: Dimensional Global Short-Term Government Variable Maturity Index (hedged to USD) (20%), Dimensional Targeted Credit Index (hedged to USD) (20%), and Dimensional US Adjusted Investment Grade Index (20%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Targeted Credit Index is represented by the Bloomberg US Credit 1–3 Year Bond Index from January 1985 to January 1999. The Dimensional US Adjusted Investment Grade Index is represented by the Bloomberg US Aggregate Bond Index from January 1985 to January 1989. The Dimensional Core Plus 40/60 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE PLUS 60/40 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 60% of the weight is allocated to the Dimensional Core Plus 100/0 Wealth Index Model, and 40% of the weight is allocated to the following fixed income indices: Dimensional US Adjusted Investment Grade Index (20%) and Dimensional Global Adjusted Fixed Income Market Index (hedged to USD) (20%). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Global Adjusted Fixed Income Market Index (hedged to USD) is represented by the Bloomberg US Aggregate Bond Index from January 1985 to December 1989 and the Bloomberg Global Aggregate Bond Index (hedged to USD) from January 1990 to January 1999. The Dimensional Core Plus 60/40 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE PLUS 80/20 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. 80% of the weight is allocated to the Dimensional Core Plus 100/0 Wealth Index Model, and 20% of the weight is allocated to the Dimensional Global Adjusted Fixed Income Market Index (hedged to USD). The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Global Adjusted Fixed Income Market Index (hedged to USD) is represented by the Bloomberg US Aggregate Bond Index from January 1985 to December 1989 and the Bloomberg Global Aggregate Bond Index (hedged to USD) from January 1990 to January 1999. The Dimensional Core Plus 80/20 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

DIMENSIONAL CORE PLUS 100/0 WEALTH INDEX MODEL

Dimensional Wealth Index Model data compiled by Dimensional. The Dimensional Core Plus 100/0 Wealth Index Model combines the following indices: Dimensional US Adjusted Market 2 Index, Dimensional US Large Cap High Profitability Index, Dimensional US Adjusted Market Value Index, Dimensional International Adjusted Market Index, Dimensional International Large Cap High Profitability Index, Dimensional International Vector Index, Dimensional Emerging Markets Adjusted Market Index, Dimensional Emerging Markets Value Index, and the S&P Global REIT Index (gross dividends). The weight of the REIT index is based on the market capitalization weight of equity REITs within the global universe of eligible stocks and equity REITs, rounded to the nearest 1%. Within the remaining non-REIT allocation, US equities are overweight relative to their market capitalization weight. The weights of the US, developed ex US, and emerging markets equities are then rescaled to sum to the total non-REIT weight of the Wealth Index Model and are all rounded to the nearest 1%. Regional weights are rebalanced quarterly. Within the US equity allocation, each month the weights of the Dimensional US Adjusted Market 2 Index, Dimensional US Adjusted Market Value Index, and Dimensional US Large Cap High Profitability Index are 66.67%, 16.67%, and 16.67%, respectively. Within the developed ex US equity allocation, each month the weights of the Dimensional International Adjusted Market Index, Dimensional International Vector Index, and Dimensional International Large Cap High Profitability Index are 60%, 20%, and 20%, respectively. Within the emerging market equity allocation, each month the weights of the Dimensional Emerging Markets Adjusted Market Index and Dimensional Emerging Markets Value Index are equal. The Wealth Index Model returns are calculated monthly as a weighted average of the returns of the underlying indices. The Dimensional Core Plus 100/0 Wealth Index Model has been retrospectively calculated by Dimensional and did not exist prior to March 2020.

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